HOOK No. 15

H.A.A//ARD

FIELD COLLECTION NUMBERS

19021-20359

Ligustrum gnikovi Carr Found og triassic near Bull Run Stream-several years ago-Visited my ald farm (lanoun then as the David braite place), Oxford, Mass.,
June - July 1949. arrived in Oxford,
June 25. Left Oxford July 3, 1949. 55-68 pars aga extound a stare lackberry which then was identified by some one at Combridge, Mass, as Rufus setosus Bigdow In a recent monograph . H. Bailey mob of the hungle of this sheries en, a letter to er. Bo That be would be greatly ble west I would aerisit and try broke 26 material of this Rufus have 26 drieted this particular shall and formel the bearts berry stillpresent. It of think is what Dr. Bailey, now calls Rubus nigricans Rydb. other species were collected - tre 19492-19493, 19499, 19500, 19501,19503, 19504, 19505, 19506, 19507,19508.

Profer name of Hieracuin greening that of the Street of Manual Ibould be H. traillie Breese of Care Pittonia 4:226. 1900)

Gree Pittonia 4:226. 1900)

Greet of the sies was named one.

1-1952.

50174

Manufactured by U. S. Government Printing Office

Ligustrum gnikovi Carr Found on triassic near Bull Run Stream-several years ago-Visited my ald farm (lanoun then as the David braite place), Oxford, Mass.,
June - July 1949. arrived in Oxford,
June 25. Left Oxford July 3, 1949, 55-68 pars ago I found a stare blackberry at Cambridge, Mass, as Rufus setosus Biglow en a recent monograph to H. Bailey mote of this speciet That be would be greatly bleused if housed news to and try broke 26 material of this Rufus have 26 winted this particular shall and friends the branch the It of think is what Dr. Bailey now calls Rubus nigricans Rydb. other species were collected - Lee 19492-19493, 19499, 19500, 19501,19503, 19504, 19505,

19506, 19507,19508.

Profer name of Hieracuim greening of manual about the H. traiblin Greens of Micros Heises of Mailling Greens of Manual H. 226. 1900)

a western species was manual H. greenei a. Groy I See Proc. am.

Gead. 19: 69. 1883. The two manues H. greenei and H. greenei are too H. greenei and H. greenii are too Similar to be used for different species.

Allard, H. A. Mass., Va., W. Va. 1948-1952. Book 15.

Field Notes nos. 19021 - 20359.

50174

Manufactured by U. S. Government Printing Office

2n ex .01 19026

| 9 7  |                                       |                 |  |
|--|---------------------------------------|-----------------|--|
| Bull Run Marintar<br>19028 Freh, 29,19   | isle Paris,<br>in Va<br>48, Ha alland | Brysplagter 5 m | ne dale, et  |
| t  |                                       |                 |  |
| 19029  | Litto                                 | 19036           | dettr  |
| 19030  | dittr                                 | 19037           | atte   |
| 1903/  | ditto                                 | 19038           | atto   |
| n<br>1<br>19032  |                                       | 19039           | and the second and th |
| 19 19033   |                                       | 19040           | Litte  |
| Medical surviving the photocometrics and the companion of | dittamen                              | 1904/           |  |
| 19034  | dettr.                                |                 | della  |

Bryofly tee - near High Point, 19042 - Te, data mysfly tes 19042 Feb, 29, 1948. H.g. allard 19049 Litter 19050 19043 dutter Litter 19051 19044 Litte 19052 Full tall on growd in words. 19045 \$ 19046 19053 Lichem in Roge Eli, nen # 19042 auth 19054 Prayaftajter near dette 19 19047 ditter 19055 Pryugby les near 19048 ditter # 19042

Brugophytegin clesting val, and Mosa on rocks, stones in our plan hickory woods near Kigh Point,
Bull Ring Hountain, Va.
19056 Teb. 29, 1948
H.a. allaid below spouting spring March 14, 1948 19063 Ha, allard, 19057, algue on market H19056 Same date its 19064 Mass. 19663 ditto Bererly Mill. Trocks in wall at 19058 Bryafley tes - mon 19065 Hefatie on back of true H 19056 Same duto et Marile 14,1948
Marile 14,1948
H-a. alland. 19059 Mosa on wet rocks in over floor Saith Lelon spouting strong.
March 14, 19489. HQ, alland. 19060 Mara ner blom from from big sporting spring at Thorofore Hap.

March 17, 1948

Ha. allard 19067 Noos on bork of true above shouting spring. March 14, 1948 t Ha, allards, bestrutook on trail 1906/Mara- ditto to High Paint March 14, 1948 Ha, alland. 19062 Moss ditto 19069 Mose on log near # 19068 ditte

More om High Point Trail-March 14/1948 Hepatie on bark of the on trail near High Point March 14, 1948 19070 Ha, allard, 19077 Ha. allard. Mora log af High Point 19078 bungi. near \* 19077. ditto 19072 Mara - On soil war # 19070 ditto 19079 Mess-atbase ofther near # 19077 ditto 19073 Mosa on base of tree, on trail to High Poisst 19080 Moss - on True near ditto ditt ※ 19077 19074 Cladonia-beads brownish On soil near High Point. 1908/ Mosa - at bose of true ditto ditto 19075 Mass on soil near # 19074 ditta 19082 Hepatie - Om oakstree near ground, north side, near # 19079 19076 Mode - at base of tree mean ditte 19083 Mosa. On soil near # 19079 ditto

Moss on log, ontrail on ray to High Point. Mosa at base of clestruit oals 1909/ March 14,1948 19084 March 14,1948 HR. allard. 4.9 alland, 19092 Mars - on soil on trail near Thorofores John on trail to High Point. 19085 Hefatie at base of chestment out on north ephanics, near # 19084. dit ditto on north esposure near × 19084 19093 Polytrichum - Om soil 19086 ditto ditto near Thorofare Tap. 19094 Moss on soil mear 19087 Mosa at base of tree ditta ditto 19088 Mass at base of trees mean # 19084 19095 Kepatic at base of chestmit oak outlail dillo near # 19093 19096 Mars on outeroffing ledges meantroof cut dt ditto Bererly Mill, Theorofore Gaf. 19089 Moss - at base of tree mean # 19084 ditter 19090 Moss. at base of hie 19097 Mora-mledger near ditto ditto

Mosa og outeroffing ledger Vat Thorofore Hot at Benerty Mill. March 14, 1948 Mars on soil near # 19104 Same date, data, 19098 19105 Ha, allard. 19106 Mara on soil near Hitlor # 19104 March 18 ditto 19099 trail to High Point. ditto 19100 Mora - on soil near# 19099 19107 Mora on soil in gard itto near # 19104. March 18. ditto ditto 19108 Mara at bose of tree month side, at High Point, Bull Run Mountain, March 21, 48 19101 More on ledger with # 19098 ditter 19102 Mora on ledger nith # 19098 19109 Hepatig om barka mear High Pourt, dit ditto 19110 om rocke at High Point, march 21 19103 Moss on ledges with # 19098 ditto 19/04 Moos on soil in Ha, allande 19/1/ at foot of east slow, belowed High Polul, 2 miles north of arlington, Va. Marsh 18, 48. Marofare Tof. 3/2/148

Mass at overflow of spring on early close Bull Rum But, telow High Point Mosa on bank along broak men x 19116. 3/21/48 2 miles north of Theorofore Baj, 19113 more. with # 19112 19/20 Mosa in ranne near brook near # 19116 3/21/48 19/14 More - On rock with # 19/12. 1912 / Mosa at foot of tree along dithe 19122 Mors on bank of same brook near # 19116, 2 miles north of Thorofore Gaf. 19115 Mare. with # 19112 19116 on net rock in brook 2 miles north of Thorofore Haf, near# 19112 19123 Mags on banks of brooks 19124 Moss on bank of brook 19117 Moss - om rock in brook atto 19118 Mora on bank near 19125 Mars on bank of brooks atter

Moss on barefor on broaks Mars on soil near # 19130 2 miles north of Thorofore Had, 19126 ridge. 3/21/48 High Point 3/21/48 19133 19127 Mosa Firsh # 19126, on banks. 3/21/48. 19134 More on soil mean# 19130 3/21/48 19/28 Moss on bouls near # 19/26 ditto 19/35 on maide of moist, concrete on allard's grounds Ha. allard. 3000-7th St. North, arlington, Ka. 19129 Mosz on banks mear #19126 ditto 19136 Mars. Om soil in allards 1 garden. 3/30/48 ditto 19130 Mors on soil near Thursfore Haf in woods north of rail road 3/21/48 on solm allards garden 3/30/48. Ha, allard, 19137 Mors 19/3/ Moss on soil with # 19130 detto 19138 Hepatie in mater in overflow of spring near # 19112 Coll, 3/21/48 Louis of sonsentire orde to allar 19132 Moss on soil near# 19130 ditta 19139 Moss - on net hocke in torook Thorofore topal 4,1998, 4a. allard.

Maspos at foot of the near Most on netrocken in log along broak broak in swamp, near # 19144, in next got south of Thorofale Haf 19140 Pond mountaint-2 mills felow. april 4, 1948 april 4, 48 19147 H,a, alland Ha, allard. 19148 Mosses at foot of true near 1914/ Morges on retroops Letto -th # 19140 19149 Mosses at foot of the 19142 Masses on rocks verflamed by brooks mean # 19,40. ditto 19150 algae in hood in moder. Velom Thorofard Saf aprily, 48 19143 Mossos on rocks verflamed by brook-mean # 19140 Ha. alland. 1915/Mosses on sørf om Trissein overglovera le ledgez along mood Run Imile below Thorofore Haf. april 4, 1948 Ha, allard. 19144 Mosses on soil in swarmy veryour with brush 2 miles south of Theorofare Has and east of New Ballimore hood from Theorofore Tof. april 4, 48 Hard 9152 Mosses on sorlar ledges near# 19151 19145 Mosser on boute of brown in woods near \* 19144 ditlo 19153 Morses on decayed log on same I ledges mean # 1915/ dith 19146 Masses on bank of same brook wear # 19144 ditto

Masses on Conglowera te ledger (limey) below Thompare Haf I mile. Mosses on Triassie Conglomorate ledger along Broad Rum I mile 19154 below borofore Haf afrily 1948 19154 Ha allard, april 4, 1948 H.a. allard, 19/6/ 19155 Mosses on log near \$ 19154 19162 musser on soil on same ditta 1915 6 Masses om linney Conglomera to 19163 Mosses en same ledges nich # 19161 ditto 1915 7 Mosses on log on same Longlomerate dedges with 19164 Mosses on same ledges near # 19161 1915 8 Mosses at foot of thee on same triossie cobglowera to ledges with # 19154 19165 Mosses on same conglowera le ditto 1915 9 Massa on same Tomassie longlowerate ledges with ditto 19166 mosses at foot of tree 19166 on same ledges near# 19161 19160 Mosses on log on same ledger near \$ 19154 19167 Mosses on same ledges ditto

Mosses on liney Triassie conglowing te Mosses on soil near # 19174 ledges below Theorofare Hal I make april 4, 1948 19168 april 4,1948. H.a. alland. H.a. allard. 19175 Mosses on same bedges | mean # 19168 ditto 19176 Mosses on soil near ditto # 19175 19170 Mosses on same ledges nean# 19168 ditto 19177 Mosses om banks along heroofs florengeast through meet gat south of Those fore Date in Pourt War afout muller more pour Thorofare traf. 4/11/48. allard 1917/ Mossey just south of Thorofore april 4, 1948 H.A. allard. 19178 Morses on not rolls ditto 19179 Mosa on metrocka mear 19172 Mosses on same dry posture ) slofe near# 19171 april 4 Ha. allerd ditto Mosses on conglomerate ledges near# 19168 ditto 19180 Massed on Soil mean # 19177 19173 ditto 1918/ Hepatic og dans boulder along brook near # 19177 19174 On bank along highway to New Ballimore near Theorofore ditto ditto

Swall White fungi on dead triga in swamp near # 19186. 4/11/48 Moss, on net roups along broate in next gat south of Theorefore Las one mile on where in Pouds mountain. april 11, 1948, 19189 H, 9. Calland 19182 4.9. allard, 19190 Hepalies on truck of learly bern along Broad Run 2 miles south of Therefore Gaf. Mossez on lumas soil along levole near# 19182 ditto Ha. altard. near# 19182 19191 Mosses on log near # 19190 ditto 19192 Lichens on backbory truck near # 19190 19185 Lulip poplar near # 19182 Bhuch gray lichers (Permelia?)
on trueb of back berry mean 19186 Hepatie east of New Ballimore little pike in swamp 2 miles south ditto ditto 19194 helberry mean # 19190 19187 Moss on soilin old posture detto 19195 Hehatis on truck of backberry near # 19190 19188 Moss on dans soil in medder near 19186. ditto

Marses in red sviling meador 2 miles south of Thorofore Hof, along Frond Rom. 1203 Lichens on bark of backborny truck 19196 Hag, allard. 4/11/48 Ha alland Lichens on herbberry trunk 1 near# 19196 ditto 19204 Morses in same soil near# 19203 ditto 19198 Lichen on hig stemm of poison my on the near 19205 Morrer og log on Triarne conglometate ledges on Brook Run, right pankedoup) Imile below Thompare Caf ditto 19199 Hepaties on trump of luge hack berry tree near # 19196 19206 Mosses on conglomerate bedger mean # 19205 ditto detto 19207 Blee geen olga in mater of poud mountain 12 miles south of Thorofore Haf. 19200 Helpaties on big stern of poison my near # 19196 ditto 19201 Hepaties on big stern of poison my on the mean # 191916 19208 might green mass on ret soil next gap tology Thorofore Hof. 4/18/48 14, allard, 19202 Hehatis on bark of harberry mean # 19196 9209 Mosses at foot of Tulif poplar got in Poul mit, south of Therefore Int

Mass near # 19216 on north side Hefatis on north side of white oak tree same date, data 2-3 feet from grand, on nest slafe of Poud mountain 1-1/2 miles south of tree near ground. 19210 of Thorofore Tol. 4/18/48 19217 Ha, alland 19218 Hepatie on back on north side, of white oak 3 feet from ground, wear # 19216 ditto 1921/ ret rocks almost in water ou triossie conglowerate ledges along Broad Run Imiles below Thorofore Caf. 19219 Hepatie on tark of tree, north 19216 side 3 feet from ground near # 19216 19212 Hefatis on This sortin ditto 19220 Hepatie om bark of leichary true with side, 3 feet from ground 19213 Hefabis on north side of Tulif Pofler 3 feet from ground in next Gat his Pouch mountain south of Theorofale Half 1-12 near # 19216 ditto 1922/ Mors on rock mean # 19216. 19214 Heliaties and moss on soil of ditto Broad Run mean # 19211 19222 Moss on dry sterile soil near \* 19216, in dry outs words. ditto 19215 Carepan dry woods on Triassie conglowerate outerple near # 19211 ditto 19223 Moss on dry sandy soil detter 19216 Moss on stone in dry woods.

Howith of Hopevell Hal,

(north) april 25, 1948 Hg, allard,

Conep - very manain bones.

On boule of brooks in swamf. 22 miles march of Hopenell Haf at foot of 1923/eatternmost ridge, nest slafe. your on soil in dry oaks woods on east slope of ridge 2 miles 1922 4 hopenell Saf. april 25, 1948 may 9, 1948 rot common H.q. allard, Ha alland 19232 grass in mont soil at run aff of spring on rest slafe of eastern but stidge, ditto 19225 Mars on soil in mods mean # 19224 ditto 19233 Marsin drif of spring at # 19232
This spring on side of wood road ditto Moss at foot of tree, north 19226 ditto 19227 Hepatic on north side of fickory tre, 3 feet from pound, near \$ 19224 19234 Mars on bank of same spring near \$ 19233 ditto 19235 Moes on ground in swamp near # 19231 19228 Hepatie on tree just north ditto of Hopewell Haf on east slofe of middle ridge near growd 19229 Carey an dry wooded slope in lestant out woods may 2, 1948 near \$ 19224 Ha ! allard. 19236 Mass at foot of tree in swamp near # 19231 ditto 19237 Mosa on soul at base 19230 Or alix repeas Thumbig middle ditto bl. bright yellow. He allard.

Panicum. Very slender; narrow leaves; An woods near # 19244 Sawe data; data Liden at foot of tree in swamp at bool of west slafe of eastermost ridge north of Hofenell Haf 19238 22 miles. may 9, 1948 19245 may 15, 48 1.4. a. alland 1 ma alland 19239 Mars on the near grand 19238 with 19246 Singrinden grammerm Ondisodorod men # 19244 19240 Mors on soil at foot of the meanth 19238 19247 Deares purplief brown above. In moods with # 19246. detto I small plant; beares whorled.

In low shot in pasture near

# 19244; In bud only. 1924/ Mars on soil on bank near # 19238 ditta 19249 Hierarin Venosin 19242 Mors on vet soil near # 19238 var. See Frengeld. In words with # 19246 ditto 19243 Shhagum. 19250 Carery In woods on wood road ditto on ret soil in low snamp plitte near \$ 19238 19244 almus - Swall shoubby stature 1925/ Paricum ride of Bull Rum MIV, I mean 2 miles N. E of Lignum, Culpeper Co., Va Hafterell Fof, north of gaf. may 16, 48 14.9. allard. H.g. allard.

Speraneae Sem net soil meant 1 9 257 Eleveliaris termis 19259 may 23,19 Hierarin Venosum On dry burks in woods at 19252 Hobenell Hof, at end, of middle ridge, may 8, 48 may 23, 19 48 Ha. allard Ha, alland 19260 Cladonia (heods red) On stunf near# 19259 19253 Caref In met shot by wadside mear meadow at Hofenell Haf, ditto 1925 4 Mors on well rawine at Hapewell Haf, near old talking I hood, 1926/ Mars masked by nater in brook near # 19259. 19262 Mors on stories 19255 Callitriche subruerged in brook-near # 19259 2 miles north of Hopenell Haf dello 19256 Lites ampelopsis bresiteduniculata Koehne Venymbercent branches 19263 Carep leftalea? brook near# 19262. Jone scrambling our strong along litte cartwood near # 19255. a during near. Syn. (a. hetrophylla var. amwrensia Planeth.)
19257 linet, cold sout in wooded to Carot segant - along house pour men ditto. 19264 Grace In wet soil with # 19262 ditter eptal 19256-19265 Siayrinderin grammeum Curtis Same species as 19257 swamp near 19258 Coner Int., 12 miles to 2 in les belows Thorofore Haf (south); east of New Ballimore history, Very abundant. H.al. allard. along troop in # 19257.

Paricum in Thin, soil on works In swamp along Broad Rem 2 miles at High Pointmean # 19272. south of Thurstfore Haf, in Poul Int. 19273 spikelets purple-tinged. June 13, 1948 H.G. allard. 19266 tarea. Common here. may 30,1948 H.a. allard 19274 Ruhus - pri diffe at High Point blorleane and 19267 Evorymus atropurpureus Jaig. In faut of Broad Run near & # 19266; Instim flower ditto primocane frue 13,1948 H.a. allard. 19268 fle. white, In ald field from ditto 19275 Brassicaleae plant olong trail
near High Point above.

Grabis H.a. allard. 19276 Mars on bark at tool of rhite vak along valley road notish of Hopekrell Laf, to Jackson Hollow 12 miles from Hopewell Habitand June 20,48 Halallard 19277 Mars and hepatics-on soil beside # 19276. 19269 Caren. Om modside on mountain overlooking Jermany valley, on route 33 from Fragulation. June 9, 1948 Pendelmi to H.W. Allard. 19270 Drass-on road 1/2 miles north of Theorofore Galbetiseen High Point ridge and ridge east of High Point. 13, 1948 It.a. allard.]

19271 Moss on rock on east slope

High Point ridge, about offosite

High Point ditto 19278. On old bark at food of heef near # 19276 Litter 19279 Mora on ald tark alfoot ) of her near# 19276 detto 19272 Paricum isa this coil, 22 miles North of Thorofore Sup, ditto ditto

Callitricht heterophylla Purch. arabis on ridge ju clearing around horke quarry In trook 2 miles, murth of Heferall 19280 mod to Jackson Hollow. June 20, 1948 Ha. allard, 19286 June 20,48 H.Q. allard. 19288 Near Jackson Hallon marth titter
19288 Near Jackson Hallon Mt, Va. titter
of Hofe nell Dal, Bull Rum Mt, Va. titter
12 miles, betyeen nesterment July 4, 1948
ridge and meet ridge east. H. J. alland
In low yourd Comment 1928/ gat on wood wad near during mot fat from # 19280

- anyelopeis bresipedurial ata Kochne 19282 Fungus spot on spice bush, ) In woods wear # 1928/ ditto 19289 In net grawd near # 19288-arrownhead leaves. ditto 19290 Callitriche heterophylla In brook near # 19288. From same wlary as # 19280. 19283 Monotrapa hypopitye & middle smile north of Hoperell Sap-indry oak words Pyroli ditto 19284 Liber on ledges mean 19283 - Entoth, Hank beneath - with humbilicaria ditto 1929 len Hypericum Jour grand mean # 192 88. ditto 19292 and plant 1928/ity) dittor from Same plant 1928/ity) dittor Betale fully expand only a best hitles blobers ofen today july of best hitles 19293 tendrile with blanche (some). 19285 hubilicaria with # 19284 at about 1100 pt on rocks and ledges, ditto 19286 Juneues. On middle ridge Hollow - = mile north of Hopevell Ferre in net sort in woode at spring north of Thoroface Tof. July 11, 1948 He alland

adepias, In meadow near Bull King Mountain roadside at Therefore Laton sonte 600 July 25, 1948 49. allard. Broad Run Station, Bull Kim Ml., 19294 Va. Indamf soil, 19294 Va. Indamf soil, fl. deefrose red, H.g. allard) Pacnan remum 19302 Dodder (Cumanta) orn Lestederga in old field on nget) Elofo of Ponde mountain one mile ditto south of Thorofore Daj. 19295 In same meadour with \* 19294 detto 19296 Talien, dan ret søil in modeen dette Hota fungues) uput 4,1948 hit insertingues) Ha allord. 19297 Horonica hymotis In Lawfroil with # 19269 ditto 19304 Moss on sandstone rocks Bearden Bruch, Tueper Co., W. Va., at near 3800-4000 ft. aug. 7, 1948

14. allard. 19298 Rudberfeia along railroad near Bererley Hill, Thoroford Jaf. ditto 19305 Haberraria clarellata Deres stands here, ditto 19306 Sporala latifolia? 19299 Commeling along railroad near Berepley Mill, Thorofore Yaf. detto In damp soil on broll ditto 19 300 Songleum halapense (Jahrson grass) Boroley Mill, along railroad at Boroley Mill, July 181, 1948, 14,9! alland, 19307 Eriopborgum In bog with # 19305 ditto

along wood road on slope of Massex on soil near # 19310 3 miles of Red Rum from road to Dolly Sods and Peterstung. 19315 H.q. allard Bearden Knot near 3700 pt. Trusper Co., W. Va., near Davis. aug. 7, 1948 19308 # 9, allard, 1930 9 Mars 42 miles of Red Run Fetersburg, W. Va., Trusker Co., in wildlife preskration area. aug. 8, 1948 193/6 Mosses etc., on sorts ditto on net liffe ' #9, allord. 19317 Mosses on soil near # 19310 ditto 19310 Moss. On soil 3 miles uf Red Run abore, aug. 7, 48 ditto 19318 Mosses on soil near # 19310 dette 1931/ Mors on task of old log near # 19310 ditto 19319 Masses 4 ½ miles my Red Rim Little 19312 Masser ete on soil war 19313 Mosses et on soil near ditto. 19320 Mosses on some differ ditto 19314 Mosses et on soil wear ditto 1932/ Mosses on sauce met.

1932/ Mosses on sauce met.

19319 ditto ※ 19310

Masser on ald log near on rocks ju vater 3 miles my Mones Red Creek, from road to Dally Sods \* 19325, and. 8,48 H.g. alland 19329 and Petersburg, w. Va., Tucker Co. 19322 H.G. allard, ang. 8,48 19330 Pink Howard form of 19323 aster: fl. blue. Blong Red Run near # 19322 Pounella vulgares. Toro ditto Red River on trail. ang. 8548 Hg. alland. 19324 Cuzcuta on goldenrod. 1933/ Mosses on log on ditto along Red Run near # 19322 Colin mountaide trail near Tandy Run - ang. 9, 48 2 miles from highway to Dolly Sods. 19325 cares diffe 42 miles of same red Run abort aug. 8,48 19332 Francis on beach 2 miles uf Handy Rein from brighnay to Hypotylou colvarely Pers of Fir. Delyw. W. Dielle 19 333 In met more my big imile H.g. allard. 19326 Phegopteris on net differ with # 19325 of yokum Rom, Trucker Co., W. Va.

The aug. 9, 1948. H9. alland of significant straight of specific sp 19327 Grand mode mean \* 19325 ditto on yokum Kim near # 19333 35 arisaerna, en dams mods on Cabin mondain 19328 om met differ 42-5 miles Monter ped Rem near H 19325 ditto trail near # 19331

ampelopsis besipedunculata Kochne Nettle - In deel rich woods See 19281; 19256. 22 miles

north of Hobenell Hat atdump

May 3 in all twoodrood. Fruit blue; vine rampant, but

folioge badly eaten by Jut. trettes.

H. a. allard, Turning there. roadway to Dolly bods and 19336 Petersburg, Trucker Co., W. Va. 14.9, allard, 19344 Orchiel, modes on ridge 2 miles month of Hopenell Haf, bor the areard microstylis misfolia (Miller) BSP. 1933 7 From Jourgly Run near highway to Dolly Sods and Petersburg, muker Co., w. Va. ang. 9, 48 H. G. Ellard, 19345 Corallarshinga near Hoferell Haf; month of Day. 19338 Lichers on sandstone rocks 4 4 miles of Tister Spring trail near Red Run - Groth highway to Dolly sods and faresville Trucker w. W. Va. 19339 Fringi on log- 5 miles uf Ha. allard Finequent have, low ground at Hapenell Haf.

Seft : 12,1948

Ha, allard, 19346 anter aleurina Red Rim, Trucker Co. W. Va., atrovirusa When Search from highway to Dolly sods.
When Search formes wille, Petersburg, etc.
19340 Populus.
19340 Populus. South of Thorofore Haf, in Pond Fromtheir area, near Grood Run. Sept. 19, 1948 H.a. allard, 19347 Masa. from Doris highway True 25-30 Ft., tall. ang. 13, 1948. Ha, allard, 1934/ Lidens on agudstone tiffe 348 quercus bicolor. Edge of of Dans, Truper Co. W. Va., near polarfinatur Rier. aug. 14, 1948 fl. (rays) white . Growing ditto intermingled with yellow form # 19349 Ha alland , 19349 Solidago.
Iraya yellow.
In dry woods along cartroad.

near IX 19347

Now form of 5. histor. Intermination
with 4 19348 19342 Roadside at Hopenell Saf, Bull Run Mt. Va. Sept. 12, 1948 Ha. allard. Leersia ela dampa soil .

søil along Broad Run Zmiles dom stretam from Thowfare Jaf. Seft. 19, 1948 hurbelliferae Edge of thicket, 2 miles South of Thorofore Hap, near Grass, 19350 Broad Run, Poud Mountain 19357 H. q. allard Geft. 19,1948 area, 1935-8 Great
Near \* 19357, rapie soil etc

ditto

1935-9 Grazz

Near \* 19357 same soil etc.

ditto 1935/ Philos pariculata L.
along Broad Run in moist gaf,
soil 22 miles south of Thoroface gaf,
on Triassic area, on bloodplain, 19352 Impalieus pallida Nutt. f. speciasa Flowers cream colored; Therwise Jennings typical of sheries with yellow ble. Extension Run mear # 19350; the common farming with area.

19353 Surpatiens pallida with the savea.

This all yellow planers; Intermingled with # 19352, but for last common in this locality ditto 19360 Grass Near \*19357 same soil etc. ditto 1936/ Grasa Near # 19357same sørt etr. 19354 Brass on blood plain in damf. ditto 19362 Sicyos argulatus 2. along Broad Run mehr \* 19357 ditto 19355 Evongenus atropurpureus Jacq. Show Broad Run near# 19350 Show an small tree 6 - 15 bt. talling now ditto 19363 Stapleylea trifolia L.) along Brood Run near 19356 aster- bl. light purple. along Brood Run in damf soil near Thorofase Jah. \$ 19357 In print meanly mature. ditto dello

Lesfedayare bride just south of Larga Hirria along Broad Run on bank 1937/ Horofare Daf, Pond Int. area Seft. 19, 1948 Ha. allard 2 miles down stream from 19364 Thoropore Haf. Seft. 19, 1948 Hg, allard, 19372 Enfatorin welestenm L. with # 19371, same pasture etc. 19365 Lespedena Imold flield in derise stands Iminte South of Thonofore train, Va ditto an east slope of Pourd Thountain, Va ditto near Broad Russ 1-2 pt tall, derise.) bl. purple, showy. ditto 19366 Ciscuta 19373 Coriandryne satismu L. On # 19365: Lespederjo ditto mass. I august 24,1948 Haiallard 1936/ Showoea lampiosa de, 19374 Leontodore autumnalis L: ditto In same field with 19365 Very Common in all moste places, marklelie od, mars. prays pellow august 24,69 48 19 2 7 5 Get to 19375 anter flowers bright prints. In garden near terreto, Ind. Sept. 8,1948. Betterille [4 feet in hight; very showy] Panicum 19368 Spreading prostrate on raw, bare, of Thorofore Tap, in Pord Ih, area. 19376 Lichens (Parmella?) ontake of t rock the Invitrely at High Porth to Bull Run mountain, Va., all 1400/1. 19369 grass aristida From with # 19368 ditto Ha. allard. 19377 Lichens, with # 19376
same trees Low Parricum 19370 ditto In sam soil beside # 19368

Polygonum fl. deef rose, very strong, 19385 at Brood Run Station, Solidago bicolor, rage cream, High Point, Bull Ryn mt. Va Frangmer Co., Oct, 3,1948 all 1400 ft Ha, allard 119378 (2) Bull Run mt., Va Oct. 3, 1948 Convoir in afen woods. H.g. allard 19379 audybba gracileres Grace om ledges near High Poihit/ abore. 19386 Hydrum erinaceum Rull ex tr. 1 Edible Tungua very fine) large surgus aprine white mass as large as my head on end of fullen log; very Heantibul; at High Point Cliffs ditto

1938 7 Say John a. Stevenson,

2) Alfa x montana at ledges much

south of Thoroford Daf on Ford mountain

Va Oct, 10, 48. Ha. allard 19380 Solidago nemoralis In mode along mode world shore near foot of Kigh Point liffs Jabore detto 19388 Consolnelus flitate; trailing. Solidago bicolar rays year 2) In old field south, of Therefore Haf, sest slope of Pond But. Va Near \$ 19380 ditto 19382 Fellow blanced (rays) of solidago bicolor) moding mith # 19381, same locality latto 19389 aster puniceus. "" Beside road way at that fare Faf in wel soil. I ditto 19383 lester huniceus var lucidulus Fray In west trog near Broad Run Station, Ball Run net, Va., neat slofe, raphurple Stews swooth, sitto 19390 closed gentian soil in Pond Int. area mile about of inthosof in the grant of New Bultimore of 19 19 391 Lignatrum 001.31, 1948 19384 hater puniceus. Stem rough havry. Trouwing in same stog with \$19383 Bernes dull Here in long, alland hendout racessies it Bererley Mill, Va Thurwfore Jof, Bull Rim Mt., Va roup purple! ditto

barls a lunge House to Thorotorie gat,
Bull Run Mr. Va January 30, 19149
19399 Ha, alland, Pond mountain, va mile south Jof Horofare Jos on ledges ror 14, 1948 19392 Proved to be insert Ha allard Afrested faint on spines of fright of sixed gum in my garden; I fruite for the ground. I worented 22,1948 Ha. Alland. 19400 Mosses on stump etc., Pond Mountain, near Thowfore Gof 1/a, 2/27/49 Ha, allard Franquier to. i om Cambrian vear × 19400 19394 Franças - a Syroperdon ot a jellenish spongy stipe about 3 in long, surpointed 1940/ hurlilicaria listranzi growing vfor quartyi tek at 1000 bit. by a yellowish tall with crimson mouth. 1 1 Pour Mountain ridge at Therefore Hof Nov. 21, 48 19395 Mostes (two) om soil og rocke at Poud Mountain, Va; south of Thorofore Isof once mile. Nov. 21,1948, He allabel. 19402 Moss on sturnf ni de viduous woods on Poud M., Hedges mean # 19400 19403 Moss on soil on ledges of Poud mountain, near # 19400. Litto Millipede in leaf mold near # Nor 21,1948. Hay allard, 19397 Mosa on bombs near Beverley Mill, Thorofore Haf, January 16,19/49. Bull Run Mountain. 19404 Hepatie on sof on ledges L mean # 19400 ditto Ha. allard, 19405 Mars on soil of slop of south of Pord mountain just south of Thorofore Haf, Va. mean # 19400 19398 Cladoria luge oak tree om bark of huge oak tree 6 hert from part, Near Thorofore Hat, Bull Ring 1st, Va. Thorofore Hat, January 30, 1949, Ha. allard Vditte

Pond mountain area, east slofe, just east of moss etc 1 Data same as for New Baltimore road from theolofare Fall, 19406d 2 mile from Fal. Fanguier 6., 19406d 2 mile from 6,1949 \* 19407 69 413 knorword masses in This pool, 19414 mon etc. 19407 Masaes hepaties etc., used as parking material for a shipment of mursey materials from The Lafayette ditto Hursery, Lafayette, Oregon, received by 4, a, alland, march 22, 1949, 19408 Thereatly growing in Consportanent mars, helps his ditto 19415 muse etc. Solitto 19416 mass etc. 19409 mars etc ditto ditto 19410 mass the. 19417 massete, ditto ditto 19418 mars the 19411. moss etc. ditto ditte 19412 mors etc 19419 mens etc ditto

Lichena (mubiligaria) formal as decaying faller tree truck in words oughants! of Broped Rome 2 miles south of 19420 crest of Pand mountain tabout with \* 19426 Same data data, ch. 19427 34 to 1 timbe. Collected march 27, 49, Ha, allord, 19428 Galium nondamp wooded & # 194283 1942/ 19422 15/ This year at Hyout Park, artington, Va., 55/5/49 H.a. allard. 19423 mass of Bull Run, banks near # 1942\$3 19429 Sedum ternatum On shooled bank mean # 1942 ? Not common here 19430 chaeroflyllin procunters on sed shale banks of Bull Run uned creeks near bridge ver the Bull Run uned by the briose troops in 1861, now commemorated by a mornment \$3, 35/8/49 7 H.Q. alland Past blaver; allyin bruit. Moist sleaded banks near # 19423; abundant, very scale, delicate. 19 431 Comeiferae - Tim white blovers;
Tufted growing on beef sampletone
rould at very edge of diffe at Ball Runhidge. - Arafis tyrata here 19424 Sapifraga virginiensis on banks near stream near #19423 ditto. 19432 Carepon dry wooded liffe of Triussig red shall i mile uf Bull Ramusiclus revestaste glabrous; heals neak, straight.

de Huis R. temper is prolably. Run Creek kron bridge var Bull Run may 15, 1949 H.a. Parland 19426 More on mout banks 19423, I 19433 Fierre - On same differ near # 19432 ditto

arabis lyrata

on dry, het shale Triassie,
liffs palorg Bull Run Creek

liffs palorg Bull Run from

1944/ Imiles my stream from Sieher along Bull Run orlek uf stram-Julie from highway bridge on route 19434<sup>211</sup> On red shale Triassie rocks Reltigera may 15, 1949 Bridge oreti Uis 211. may 14.9.0 may 15, 1949 Ha Clard H.q. alland 19435 Brassica bl. white, swall 19442 horn diffe with # 1944/ (3) In tour blood plain on banks of Bull Run stream in Triassic areal-In swamp woods. 19436 blumes. Dense stande of small trees 18-20 feet beigh at ged Blain of Bull Peter Creek I near 19441. detto bl. white, swall; land offerite. of Bull Pun Creek near # 19434 ditto 19437 Ranunculus - Petals Arendysmall, 444 aremaria sorpylli folia Proce stands in med along Bull Run near Bull Run Bridge abore - ditto creek 2 miles of stream from Bull Rom Bridge route 211. mak, sectioning on may 15, 19, 49 H. R. husillus H. A. allard. 9438 Carefa - In blemen 2 miles uf Bull Rem Creek 19 445 Rhus canadensia from bridge- On Triassec. 13/ along tank of Bull Rom Creek store bidge var 211 19439 hars - Common our blood plain near Creek abore Buflking 19446 Botrychium Fanguer Co.

In hedry deciderous wolf4d affail.

on massic conflowerate, Immile south of
Therofare Gof, east of Pour montage,
and mean shood Return 35 horofly telerander

19447 Brucifer if the pellowed Run Creek near \* 19438 19440 Oenothera y mile from Bull Run Bride very 13 miles sently of Theorofore Ha Fauguier Co Ha. Willard. # 211 - on Triassic area ditto

Venothera
On barren sprana ted soil fore Isal
furt south of Theorofare Isal
leaves from Triassic drea, near
thorners
transprier Co.,
deel armas Small blomered rose ift. white in creek 12 miles south of Thorofore tof, 19448 Franquier Co., on Thiasser dans hagrant) H.a. allard, News to Bull Remarea, deef vrange, Ha; allard. 19456 Denothera - same sp. as 1 # 19455, growing near st In old field near # 19448 Vitto bit be. a light lendon gellom dix 19450 Emall Islem; bl. white 19450 Andary soil wear # 19448 19457 Pentsterror laerigalus Bull Rim Creek from U.S. row le 21/.
Bringe William, Co., Va. June 5,1949

W. white; abundant.

1949. Alland 19458 Caref. In dry old field )
with \$ 19457

- Caref glancodea Turkerur

(ident) 4 Dr. F. J. Hermann Oxalis 1945-1 In same soil near # 19448 on flood plain of Broad Run 9 459 Junices he low meadown ) down Bull Rung Creek Imile) down from bridge of V.S. 211. ditto Eleocharis. In not muddly soil mean # 19448 19452 = Juncus tenuis Willd. 19460 Sisyrinderign y 19459 ditto 1945 3 Enflorbia allurial ditto 19 461 Panicum huachucae BSP J Frowing with # 19459 ditto 19454 Sissprindeum Near # 19448-same sab ditte

Caref. In low meadon Sundrops- Denothera Imile down Bull Run Creek fl. deep varge Run Creek from bridge and U.S. 2/1, 19462 Prince William Co., Va. 19469 near # 19468 June 5, 1949 June 5,1949 = Carexbuelin Mark. 4-9. allard, HG. alland 19470 Panieum linearifolium Berton.
om bightants along striba.
Bull Rum Creek - in old field.
near # 19469

dist Scirpus lineatus Michia. Duly a feir plants found. 1947/ Isalium om same bank in stable of trees with # 19469 ditto 19464 Galium. fl. white In meadow near # 19463 Catter caroliniana Schwain.
In low ground near
\$19463 ditto 19472 Moss. On rocks in wet dech ravine near # 19469. 19423 Caref grayic. Bailey massi agratis ligemales (halt) BSP 19466 in thicket mile down from Creek bridge and route 211. Rage champs. In low ground ditto near # 19463 19467 Pentsterner Lacrigation dittor In ofen meadow mean 19463 - abrundant here; showy. 19474 Corestipala Muhl detto 19468 Brassicaci fl. yellow 19475 arisaena drocontium In blood plain on island In moist soil mean in Bull Run Creeks 1/2 miles detto \* 19473, down brown bridge and U.S. 211

Corner stolorifor In mud along Bull Run Greß Imile down from bridge and In Whichete near # 19483 1948/; bull blover, abundant. june 19,49 19476 U.S. 211. Prince William Co., Va.

Abrilliam 5, 1949

H.a., allard. On Trianser, in dams soil 9. alland.

Poud M., area.

19484 Pontater planingature
land 19483

In old field near \* 19483

abundant: fl. pale lilae. 19 477 Ruelle Rain Mt., Va.
east of Pond Mt., and 2 miles south of Thorofore gof, Franguier Co., June 12, 19 \$ 9 19485 Bull Run mountain Va.,
Frauguier Go, nest slote,
helver High Point in heavy woods.

Browne purgans 2. Ha. reland. 9478 pl. crimson ihichet near In meadown thicket near # 19477. Only 2 plants seen. ditta 9 In Thicket near # 19478 along wood road with # 19485 19486 dello Houstoniag purpurer? 19480 Pentatemore with # 19478 dieto 19487 with # 19485 Pyrola americana Miche 1948/ den dant soil in thicket 19488 19482 Salene pl. plante La woods en slafe near # 19485 ditto 19489 Lobelia Wear \* 19485 dith bl. Tune white the thicket with # 19481 in woode ditto

atriularia; fl. arange yellow, very Verbasung Platlaria var albiflorum tige In field wast of High Point, war fragrant inaked sternes wing 19497 same pond, date
etc. Has 19490 bl. Inhite. June 19, 1949 Ha alland. = V. comuta 9491 Myriothythin Elodea 19498 Pogonia - He minks. In same bog with # 19496. Beserley Mill, where aboundant! Bererley Mill, where aboundant of Notine planer.

19492 Rubus nigricans Polo Glanda ditto

1922) Le near Webster rood Oxfard mars

This I collected 55 years ago it me identified there as Rubus setoses this Lambridge, Mars.

19493 Rubus in same smaler above the structure of the same single above the short with rooting teny land with the same state.

19492 Intruming, tiprooting teny should be faither the state of the same should be seen the same should be same and the same and the same and the same date of the same smale.

19495 Vicia purple blances. = P. offioglossoides 19499 Rubus- running Tilrouting.

Rubus persarius Bailey

Rubus persarius Bailey Jen snale near # 1949 9. Sittle

= R. pervarius Bailey. 1950/ Rubus-running: fortof allands 4 ære lot in often swale. June 29,49 Ha.a 19502 Rosa: bl hink; tall and In wooded enamy worth and of Grassy Poud. June 29, 49 Ha a 19495 Vicia purple bleners. (2) mit \* 19492. June 29,49 -Viva vrauge L. Ha. alland. 19503 Rubus nigricans Right. 19496 bog at north end of grassy Poud, Lall June 29, 49 Oxfard, Mars., Wartes on Co., I blat, fern-like, June 29, 1949 on mind; swall. H.a. allard.

Rubusy - reak prichler with # 19492 - in some sure, mars, 19504 on allards old farming H.a. allard. 19505 with \$ 19504 Primo care of 19492 same smale. ditto Ruhus running en scranobling, til rooting. his small ditto ditto 19507 with # 19504 Rulin Boiley. ditto 19508 Rufus; tip rooting; ascending for smale with \$ 19504

-R. personius Bailey ditto 19509= Lyropodium inundalim L. morth end of many Pond, nest 0 x fard,
mass; war uster Co., June 29,1949.

195/0 Very small plant with
Enigraphy and rates the land.

Enigraphy and rates there # 19509. ditto

White Monory Sedge. graking, mint
195// In same bog with

Gyperus Torreyi Olney.

Aitto Experus Correyi Olney.

9/marag milh \* 19510., June 29,49 #4. allard. = Eriofhorum virginium L. 195/3 Lith \* 19510. ditto = Cladium mariscoides (Muhl.) Torr. 19514 Carepvesicaria L. 1. 19515 apreseal ditte with \* 19510 Rhynchospora alba (2.) Vahl. 19516 Floating in open book near # 19510 Many Pladders - ditto 19517 glamous; bl. vlite. Vory net: - R. visiosum varglancinge 19518 Carep folliculata L. du swampy invocks night end off massy Pourd abore; I abundant dit

Bog grass, in swamp north end of strassy Poul, West 0xford, Mars.,
19519 morretter Co. June 29,49
H.G. allard, 9520 mars; in boggy surant 12) with \* 19519 1952/= Styceria canaderson In small in afer at cold string on allards old farm below field there barn stands, June 29, 1995 Ha. allard with \$ 1952/ dittr 9521= Slyceria canadensis 19523 Galin # 19521 Litto 19524 Caron swamie (Form.) mark.) In bogz mith # 19519 L 19525 Denothera: bly swall, yellards house (formerly), west 0x fund, mass., mariester 10. Julie 29, 49. = 0. pumula d. 14a. allard

Du allard's smale (formerly)
with 17492 June 29, 49 June 29, 49 Ha, alland 19526 : R. personins Builey; tif worting 19527 Scutellaria; The blue. Mass 12 at south end of Charleton 2. at south end of Charlton Receroir

at south intet in net soil and charlton
roods, near lichrony and Budley-Charlton
boundary marker. June 30, 1949

19528 Veronica Scutellata with \* 19527 ditto 19529 Potamogeton ter of stream in hood near \* 19527 Litto Scale: Oythe-shed; Lepidosaphes whim (L.) 195 30 millour werend nith scale )-M charlin Reservir mean south end munister Co. Vas. Mass ditto 1953/ Castilloa, h. Coll. by H. F. allard maria - Pulalha at Dinisoria - aft. about 5000 ft. My H. F. allard Several trees about 25-35 pl. high.

My H. F. allard, Several trees about 25-35 pl. high.

19532 Small plant coll. by H. F. allard

at Tingo maria, Peru, Oct. 20, 1948. Brishtshots on legies officento le artington, epudate(2) va july 6,49.

19533, Finnans - slender, pointed stalks och soril in wood, road east slope of Bull Run Mt. near Thoroford Haf, July 10, 1949, Ha alland 195 34 tungen en dood wood place, date 19535 undellifer; pl. mluite, In woods mean # 19533 9536 aircaea intermedia Elish In large anular fine stand mean \$ 19533. In Camaan Valley, W. Va. Harmon, Tucker Co., July 24, 49 Su meadow [ Ha. allard, bull planer, gass mear slote of Bearden Knot, mear fire towner, hr side of wood hood, in dame soil chass. 19539 Dares, Indams soft.

Tripe liden - In rocks on Knot on which old moyants 19540 July 26, 1949 19540a Lidhenz im mater of troots on nor her Va. Red Creep) near Blackfroter July 26, 1949 H.a. allard. billed with rater on sandjust the lifts on Canaan Into morth with soly of Beanden Knot, Trucker Co., W.Va. Intha alland meand out this is the compilianous falls seems this is the componer about 30 buy high. 19543 (July 27, 1949, Ha. Gland. at same falls with \$ 19542 Mosser Vaito. 19544 Marses, hipatrix - with # 19542. Masses with # 19542 19546 Morres. with \$ 19542

Engliarbia apparioseas L. Mones on rocks in spray at 19554 pulp hums, Daris, W. Va., Elpela Falls There falls are or 19547 Canyou, Daris, W.Va., from the Trucker Co., july 29, 49 a small hatch here just townist loopout. They are about 30 beet, high Turker Co., Mosses. with# 19547 19555 Campanula americana L. North Frank Int. Penaleton Con along south alland. ditto 19549 Splingsmin ich # 19547 ditto. 19556 Paromychia argyrocoma on slope of North Forth got, near Petersburg, W. Va., Persteton Co. Mass Very beautiful 19550 Lichens (tunlilicania) on net rocks etr., in spray, with Talldineer Knot, near 4000 17., July 28, 49. Ha. allard. \* 19547 ditto. Vely beautiful) 1955/ Composite; rays yellow nountain near Dry north July 35, 49, next Va., one tot of Sandineer Knof, br. Va., Monortgabela Nat. Frances ! at 4445 bt., in spring fares! July 28, 49. H.a. allard 19559 Clodonia et 19558, on rocke, 19552 Mint. Om same pasture slofe with \* 1955/ West Va. logs et in spruge fourit. 19553 dycofodium Indam's soil on Canyon Trail mear Lisady Run-July 25,49! Trusper Co., July 25,49! Trusper Co.,

Masses, befalis et , on top of Gaudineer Knob vest, va., in The Monongahela near prise of many 17566, The - Mynly 1956/ Nat-Tragestin spruke timber 19568 on rocks, logs et, at 4445 bt. alt. July 28,1949. Ha. allard 19569 Nica por et on march more of True non 7/ 19565 19562 Herfaleetris spirata -Hole Pendleton Co., V. Var, near South Brauch of Potomar, July 30, 49. 19570 Suth of Bering mill shorts, 19563 Lidgenz (black) on sandstones outwork of knot of Campan Int., just month of Beardon Knot, Trucker Co., Nget. Va., near Daris, July 24, 1949. H.a. allard. 1956 / Gentiana villaaa?
on sight Point tridge, Bull Rein Mountain, Va
north of Thorotoke Sof, Fanguia Co, 1949.
In deidwouk woods Septe huber 18, 1949.
19565 Corolla Line, Ita green verns,
19565 Novae anglial.
12) Orter On banks nest slope of High Point ridge, was Broad Run Station, Firstwood.
October 2, 1949. 149. alland. Fangues Co. Mars on dead tog 19571 Non # 19570 19572 Mars near 7/ 19570 det. 19573 More on log near 1119570 19566 Hepatie och man High Point diffe, Bull Run Mt., Va., april9,1950 19574 Duraters on hay Berarley Mill dit 19567 Hehalie of hickory true , Near # 19566,

close to satisfy on how some Mars on prints mean # 19581 19582 Benening Hell, Bull from 1971. april 14, 1950 19576 Act and a select with 19575 More on soil 19583 with. Wear # 19581 19584 Near # 19586. 19577 Mones milie soil it XXX. with 11 19575 195 85 Vinlet - laterathetalet 19578 Margar miller to the state of the stat # 19584 Brood Rem. 19586 Nella Bederarea 19579 Prosicaceae afril 23, 1950 an tente mean It 195 81 2 miles South of thorofore Haf on Triassie J. Harofore Haf 19587 Stellaria propora 19580 Moss in ned shad Run on migsse area men Broad Run in roods 2 2 mm in south of Thankfare Hay ditte 19588 Mass near # 19581 1958/ Mars or targe near # 19580

Masser 9/1/23/950 Core or or our state form of Mertanni 19589 1 De Died Vive Local James James 1 19596 Mean X 19581 What soil is Bried Fine 19590 Marier m 108 1 19581 19597 Nearl 19881 Fith Litte 19598 Marson on 2008/ 19591 Masses on Cogs-Wear-# 1958/ ditto ditte 19599 Marchane of the 19592 House on Rog Nearly 19581 altditte 19600 19 19581 19593 altore of true Near H 1958/ ditte ditto 19594 Moraez m roil Near 7/ 19581 ditte 19601 Manie on for 15-19595 Marzer on soil Near # 19581 mhoglack just sold it ditto

Bull Run my Va Falen front neer Thorofore Fat. 19610 # 19605 Had alland 19603 M. R. Allerd. J 19611 Cheilmiter lancoa Carefords to High fourt 19604 In interior, at dette top of Buggard Int. 19612 Donnoding 19605 Venathera Leave Very publice to hereath alfordof Burgarel Int, 950 Culpeper Co. June 17, 950 Leagher round wrate, litto 1000 bl. 11201 # 19611 topa 19613 Cheilantling towers 19606 Ligninge, Va. detta Wear # 19611 Cuit peper Co. 19614 Heurhera ledgez ditto 19607 Buggard MH, Va. Culpiteto attaat i Buggerd Mt., Culpiper Co., Va ved soil ditta 19615 Solarum ditto 19608 Cyperia 19607 Near # 19614 ditto 19616 asplerium hichomanes 19609 Caref Near # 19607 ditto In low mode 1

asplane playmen me, Celleea atropurpura gent 17/1950) In open outsides in los 19624 Near # 19617 Ha alland s 19617 19 10 10 10 10 17,1950 19618 Danskowing 19625 00000000 ditte duty N=an-# 19623 Men 7 19617 19619 aplemme trictionances 19626 Houstonia purpure a ditte Near # 19617 dets 19620 Mars On ruche mean # 19617 19627 Hystrighatuta antifyfhut men Litte Jet !7. 1962/ Cheilanthe tomantosa 19628 On Triassechuar
Broad Run Imile South of June 18
Therofore State.
Therofore Co., Brassica ditte Near 7 19617 19629 housestrife (2) Indamy boil near 19622 Cheilantee Canasa ditte New # 19617 19630 Helessine midifloring Mult en Het soil with # 19629 Notine bloner; local 19623 Bentstanon florelile hesto busel of Busparel 1971, Va

Interespect of Therefore that Rumapattisdenne wood. eln vos le groupe, asternation, Va. 1963/ Franguer Co., Haraland 19638 June 2.0,1950 (4) cenothera In medatel near # 19628 19639 Sedune.
Bad red millarde garden. 19632 Syess 19628 detto 19640 atong rocky bank a real shales.
Triasdie 30 mile hum wash. D.C.,
alminory beyon Bull Run, along swall of
Singoings Franch Pyta. allaha. I from higher 19640

Subwerged, Conwon
On Youngs Franch near 19640 ditto nath 19633 ditto With # 19628 19634 Browns 19628 ditto dany soil 19642 Cyperus, In low, not 19635 Singrineller Litte () ground mean # 19640 Near # 19628 19636 Corrus 19643 Coroti 19640, webent setter ditto on tack of Broad Run near # 19628 ditto 19644 Dianthera americana all in close colony, In full Hooms,

Juneus. Sterrito heads Miles while 19645 Unithing Tomer # 19440 Odice Wingert jufertalin -19652 Lee rithing 5 9650, On youngs Branch 19653 Druggettild med # 19640 19646 Elevelaria 19654 Landelliferi In waste grand near ditta # 19640 On Moung's Branch 19647 Special lives le violet. Rother abordand, Long line 40 dita 19655 In old field 11 miles from Bald Knot, Daris, Tucherlo; br. Va., near Bald Knot, along Dairs- Senera Rocks highway. 19648 (green) near # 19640 ditto 19656 Danthonia mit 19649 Halva saturdifolia near Bald Knot (near # 19655

Go Diebl 13) amy dold loure site man # 19640 19657 Hieracium pratoris Tansel. near # 19640 Near Bald Knob near \$ 19655 at 3000 bt. ditto 1965 8 ariaaema steerandoonii In low ground beside # 19650 ditta 19651 yrenes an slope of Bald Theoloman # 19656 July 2 detto.

In dense shooly maffe woods on Bald Knob, with \$19658 July 2, 1950 19659 Kalima triblorum #4. allards. 19660 Rubus islacus L. var. strigosus (Miche) znicht. 4300 bt, tof of Bald throb above. 1966/ Houstonia serpyllifolia Micles. On Bald Knot near X 19 6 60. 19662 Dryopteris spinulosa Typicali, abundant, with \$19659 19663 Cyperus on tof of Bald/Idnof. at 4300 ft. 19664 Smuton Panthonia voupressa? Near × 19663. ditter 19665 Carep tof of Litter Bald Knopin bog

Denothera July 2,1950 Side of Buld Knot Ha. alland | In pastures at 3500-3800 H. 19666 19667 Caref In bog with \* 19663 and 19665 detto 1966 8 Vaccinium englero car frum Miche.
Tof of Bald Know mear # 19663. ditto
Carolla etainson. (Leally Here)
fruit color all not ferrous. (Leally Here) 1966 9 Meeleania cordata (Nut) Britt.

In dant sprine-tembers woods

at fool of Bald Knop, along dirl

road. Not common. ditto on side of Bald Knot was former icanal tras. Faster in partier - at 3500-3800 Fl. ditto om danel, stegded many buchs. Litto in woodst with # 19669: obundant, It bull bloom, beautiful. Has yellow up fut 19672 radiating to oper of tetals, In noite ground at Thomas, west Va.

Heliofsis lielianthoides (L.) Suit Phlop paniculata L color of bl. deef pink or purflishing alengthisteredy in Conson Valley to 19673 near Daris on route to Senera Reeks on roadride tank near 19680 # 19679. guly 29, 1950 / Ita. alland July 2/1950 H.G. allard. 1968/ Heliafris, belianthoides on road be aircleville, one ditto.

mile from junction sign ditto.

of W.Va 28 and U.S. 33.

at level 5 acres here in almost have

stand when, seen. 19674 Tre (filae.) in yard in Danis fullbloom, very pragrant. Speimen in region. Very blaniforous, showy. bl. white July 3, 1950, Tucker lo. Blackwater Kanyon where this emphise Vail, into Black rater. unomore; fl. white. 19676 mass. 1950. HA. allard. 19682 Hypericum puntatum Jam. on Bald Tour Tucker Co., W. Va., at 4300 feel July 30,1950 } in dark makle woods, 19683 Near & 1,9675 at bottom) ditto Guaea alfrandjære Jord, of Blackmater Canyour. ditto 19677 agalea Rhododendrou on stoff of Bold King in pasture wan 7 19682 detto With # 19675 19685 Lyropodiem daratum, L. 19678 for cult. Comf excafed should brancer's) at Daris, W. Va. Heads whitish; with rays purposes without. on Hof of Bald Knot set 4300 feit. July 30,1950 } 19686 Oxalis eurofisea Jord/ 19679 Oxalis Europaea Jord, forma by. Va at 4000 ft. of Bald Rust, at lookout ver sermany Valley on route 33, wast Va., Pendle tour Co., July 29, 1950 Ha. allarde.

Typha latifolia Z Labiatal Im mods on Bald Ruot,
Turker Co., W. Va., at
3000-4000 bt.
July 30,1950
Hd. allard 5 19694 Daris, W. Va. July 31,1950 Clinopodium vulgare L H.Q. alland 19695 Enhatoring mæulatum 2 along Blackmaler River, below Daris 3/4 mile, on Daris side. H.a. allard, 1) 119688 milet Bald / Smot at / 4300-4400 ft. ditto. 19689 on uffer sløfe of Bald . Knof in pasture t- at 3500 ft. O rales europaea Jord . Litto var veber Teru. Near # 19694 i (Typical) 119690 Rubua - Floricane and primocane, on tof Bald Knot near ditto \* 19688 19697 Salidago gigantea leit along Blackwaler Finer 19698 Galium asprellum Milx V 1969/ Denothera biennis L Daris, vest Va., Typical. Long Black water River, July 31,1950 Ha. allard. Every little retrose scabrougity on ditto 19699 Campanula aparinoides/Pursh 19692 villour Salinp Near X 19691 Near \$ 19695 ditto Swall Coloring along Blackmaten River nearly Saint at 3200 lite; 31, 1950. Tucker Co., seen no where else. 19693 Happericum densiflorum Pursh wear \* 19691 men great areas of damf soil here.

title

ditto

Oxalis europaea Jard: forma apmosa (Small) Wieg. Hyperican perforation to 1970/ 2 mile below Dones toward July 31, 1950 } at 3200 pt; Tucker Co. 19708 Run, trucker Co., W. Va Ha allands 19702 Hypericum mutilians 2 Near # 19701 19709 Helianthus decapetalus II Near# 19708. ditto 19703 Cocalia suareolens L. ditto veny abundant olong the Bladsmater River. 19710 Heliopsis believilleridet L. Sweet. With # 19709, abundant here (Roup narrow) ditto 1971/ Heliopsis belianthoides 19704 doelepias jucamala to Very aturdant Near # 19701 ditto Ray petate trooder. on Redfreeks near highway 32. Trukerlo, M. Va. 19712 Cacalia atrificifolia L'ditto
Elle Tourn Tucker Co, W. Va., ditto 19705 Surfatienz capenses Meert. forma platy meris, (yearth.) pern.

y S drul- lit Elle Lick Rum on Drya.

Tier be food, below Doing Truper Co.; 1950

9706 along Red Creep incher Co., W. Va.

W. Va., on hood to Hendricks., aug. 1,1950 19713 Heliopsis belianthoides the Since Parther scabrous leasth-hable baked former of the typical amouth-habed scatter Morrado clinifodia L Ha. alland La large point near Porither Harolo, Pendletton Co, W. Ver, on history brown Cherry moze to Franklin - 2,1958 Very abundant here; Air allard 19707 Troining with # 19706 ditto Monarda didyma L

Hudsonia pricoides L. [2] Ontof forder Rych, where Very abundant, aug. 2,1950 19722 Ma. allard Hendrera hispida Pursh feet. on tof of Parther Knot -at 19715 Paralleton Co., W. Va. aways rocky liffs and woods, 19723 Caref roche and boulders at feet, (Not cormon line) although 19724, Patentilla tridentata (ait. 19716 Caplica hetiolata (I.) Kochne. Tof of Parther Knot, above ditto 19717 Oenothera on Panther Knot. with # 19722 - abundant). detto 19725 Tyropoolein lundulen Micho var # 19722 19718 tragofogory praterizis L. Carpagn Int, and 2,1900 along listenay 32; pl yellow. ditte 19719 Houarda fistulara L. on slofe of Parither Brok. 19726 Leatur spicala (Heads sessible) ditte ditto 19727 Solidago arguta at. 19720 Pore ulcite the Monarda fistalosa L titto near \$ 19722 moring with # 19719 albesceres Taylor. and I 19728 Liliam pliladelphi. 1972/ Note hedicelled heads of splicata ditto scattered ver Parither Knot ontof of thatal Knot at ofer 4000 pt. neary 19722

Dypericen mutilem L 7 35 In swate near cherry Groze, 19729 Farge where here Eng. 2, 1950 19736 Hard JI In rich moist woods wear # 19735 Litte subsp. pyramidalis (smith) HR. allard. Wheny of. wheny 1953 19737 Dalibarda repens 2 1 19730 Parompolia argysocoma (Mich) In mosts near # 19734 ditte Nutt, common in Panther Knot, Twither Co., W. Va., 5 aug. 2, 1950 19738 Epilobum idoratum Mulli 1973/ Generalia laerigeta Raf In woods on state Renther Knob. (bl. yellow.) ditto (bl. pinkish) nearth 19734 ditto 19732 Lypimachia gradrifolia L 19739 Elevetrasis terrus ditto Near Dams, Tucher Co., W. Va. Nearth 19734, metsoil 19740 Eleocharis Near# 19734 19733 Minules moschatus Dougle, ditto Truber Co., W. Va. aug. 3, 1950 Ha. allard 19734 Near Boiling Shring, mear Oakland murylandla g Literal Ha. allard I virginians 19741 Eleocharis ditto Near # 19734 19735 Elevelieris In absorbment 19734 Juli de meant 19734 ditto

Appenceur densiflarum Proste In words mean Near MT, Storm, W, Va. 19743 Oabland, Ind, 19750 (very common - now yellous aug, 3,1950 ( the fillede around Daris! Ha. Willard ] or Heallards 1975/ Verbaccur-phlomoides L 19744 du mud and water Veronica americana (Roff Schnein) 19744 a Neart 19744 (Demoll y de 19745 Stellaria gramme a J Obmelant by War on 55 this bury Near mondensville, W. Va., wh In vel soil mear # 19734 alergemote 55 mon ditto 19746 Menthaarsensis & Lower Lower Lower Lower Lower Solly Sods, and 1, 1950)
Ha, allard S on Ha, allarde growth artington, Va 3000-70h. 57. North, arting ton, Va aug. 9,1950. Orig. prospestionandoah 1975 4 Bentharum sedoides d. 19753 Cratagus 1974 Toxales europaea Jord. just south of Therefore to Vagoo?

(Not common) AG. alland 5 forma aprisa (Iwall) w feg ditto 19748 to Sof Canaar mt. 19755 Expatorium leviolopis T. D. J Consolnitus sepurm & formatical aratus.
19749 Consolnatus sepurm Mailland
Denothera areplicação marbany solar In world land ween \$ 19754 19756 Sparanther grantis Bigel Re In dry sort mean # 19754 ditto Begond 259 ith lighway 55, large 5.

Near Pook on Tri, obser 1801, Va South of Thorofore 1801, Va 19764 (Ara; alland lindefrias propositioners L. In dans soil mean # 19754 19757 (6.12, 13,1950) Ha alland ) 19765 Commelina commercia Run 12. ile South of Thorofore Jet. 1975 9 Heliofoial elignith ofderick)
Nearth 1975 Ein thicket to 19766 minulessingered L Near # 19764, in dapit wil 19767 Physolis hiterofitylla Ness Neart 19764 detto 19760 Enfatorium fistulgaven Ba Neor# 1975 8 ditto 19768 Scirpins In rebabil mart 19764 ditto 1976/ Hyperinena militure L. Very common teletto 19769 Sabotia angularia (7.) Rupsh 19762 Heliantura Near # 19758 Near # 19764in dans fril ditte ditto 19770 considerationing Little Wear 1976 if in wall graphed ditte 19763 Fejopur omericatur Mulil.

Phlopparisulata L.
sindamfavil of moste grand
meanth 1977 5, and 20,1950 Solidago junies let. In vally growd on triassic Ha, allard 1977/ Therefore Fof, Wa (3,1950) Hagalland ) 19778 slove browle. 19779 Vernovia moreboracerished) Mily. 19772 Latris 3 graressa L. Molio Bull Rum Mt, Vo state State; In old brown sedge filed wear # 19778 19773 Buff Rum Not, Vacil , next slope in fold fields and, 20,1950; Universe Co. Hold fields and, 20,1950; Universe Co. Hold bull and the leplanet of 19774 Segraphens wear ditto the 19773. 1978/ Rudbertsin serotina North In filds - common. ditto 19775 solidago gigaritea Bit In old fillet tiedge roir near # 19773. deilyellofr. 19782 Cuscuta gronorie Willd Vear # 19778 or Infations
billara in low ground turns
and Polygonum Sa gittatures
19783 Enphartia corollata L
With # 19780 19776 Enfatorin fittelosfer B ditto Nesn# 19775 ditto 19777 Dryofteris lægovæfteta Mily Likt 19773 Letter Glinder In old fild with # 19780 ditts

Solidago gunica listo Commelera erecta & 19792 Bull Dun Mit, Sold 3.19.7 19785 north of Hopewell Sal. 1 4.9. alland H9 allands 19793 actinomeris atternifolialet 19786 Cessia mantendisa t. De don't roste ground. Near # 19790 in ducket 19794 Solidago altissung ot. 19787 Oxalis europaea Jard In veste joursel ditto Roadijle of Harefore Fof men ditto 19795 Generaler purpusea L'ist dette 19788 Solidogen gigentea let ditto New 7 19785 19796 Sagittaria latifolia Willed Var. Muter ceuz (Mulle) J. B. Small In vater of smale mear 19795 1978 9 Setaria glavia (L.) Brawn, In old field mean 19785 ditto-1979 7 Redberkin scrating Night.
Silvel. In avale near #14745 1979 Atliopais believe house 2.) Sixet, supported met slote Pond mt, Va., put south of therefore 15, 1950. 3.

Na. allard. J.) 9791 Eufotorium aromaticem L. 1979 8 Leersia organides (2) Sur. In water mith #19796. wear # 19790, in posture Vicility ditto

Expotoring coelectionen & 19799 Hof Wear # 19795,
Seft. 3,1950)
M.C. allard) 19800 Heliofisis helianthordos & Speet. In old posture reasit 19799 ditte 19801 Helianthus strumssust &. Near # 19800. ditto-19802 Coreopsistripteris L) Near # 19800 ditto 19803 Erechtiles bieracifolieret) Pof. Near # 19000 along trait near Bosesley Mill aug. 27,1950
Thardfore Tah, Va

Note restinous particles on leaves,
pleyllaries. 19805 Enpotorium soterntifolien? ditto In ofen woods near # 19804

Cimila origanoides (X.) Britt 19806 for John a. Stesenson worth of Hoferelly Bull Run mt. Vag 2 miles aug. 20, 1950 (In old parture) Disease shots on leoner.) H.g. allard 19807 Enpatorium lypopifolium L var. calcaratum There . 4 Salah In old hacture men 7 19806. Litto 19808 Ferre. In danef, lour woods ditto 19809 Ferm. Sug damp low woods with # 119808 ditto 19810 Cuscuta on Impatiens Biblora PondMt., Bull Rim MT. Va. near Thoroface 1981/ Prevanthes Trifoliata (Casa & There.) Foodside near # 19810 ditto 19812 Enfatorin coelestimen ditto In meadown mean # 19810

mouta
on supations tiploras

198/3 en meadoir.

(Br Heliopsis belianthoides (L.) Sucet. mear Theoroford, Bull Run Mt. Va ang. 27 12-14 Porol M/area raffiroching var. scalina. an low growd on Triasoie area mean kroad Rome, 2 miles south of Thorofore Haf, in Ponde.Mt., area oct 11, 1950 19820 ang. 27, 1950 Ha. alland. 19814 Cuscula on goldenvol-1982/ Solidogo altissima L. Near # 19820 ditto seft. 26,1950 19822 Enfatorium lemole fits QC Near × 19820 ditto 19815 Enfatorin perfoliatum L. In not meadow. Sept 26,1950 9823 area near Rafislan River Co., Va near Lignung Culpeter Co., Va 19816 Drysteris noseboracensis (L.) may 19823 Seft. 26, 1950 Lagura obligum Muhl H.a. allard 19817 auscuta on hupatiens biflora detto seft, 26, 1950 19824 Spiranther cermial L. Richard.

Culpeper Co:, Va in met soil
on bank.

Oct. 14,1950
Ha. alland. 19819 Vitis vulprira L.

In hasture near # 19818 19825 Lichen on soil- Bull Rum Mt. Ja Note bruiting antrait to High Pin near Theorofore gays Oct. 15, 1950 of, H. q. allard, 119826 Helatica americana L. forma candida tierre. I mile below than face 3 195% He cellare

19827 Viola Dull Run Mt., Va. afril 29, 1951 19828 asplemen platynewrow of the cabine histories on west slaft house mit. Va, in drinks Dec, 3, 1950, Ma, allard, 19829 Rammeulus abortinas chi words near \$ 19827, ditto 19830 Viola triloba In woods near # 19827. ditto 1983/ Spiranthus serma (2) Richard Calpeper Co., Oct. 14,1950 Ha, allard. en met soil along brook int foot of ridge month of Hohenell Fah. Veryahudant in marshy ooil, sharry. 198 33 Viola emarginata Comes very close & V. villosa. May 6, 1951 Ha, allande.

Veronica pegrina L In dam soil in low ground north of Hoperell Fat I mile. may 6, 1951. 19834 Ha. allard. Common. 19835 Viola emorginata detto 19836 Peltigera (lichen) Om moist rock and soil ning swamp near # 19835 1983 7 Rhododendror medi flersim Filoners are pragrant, withary to fe Gray's 8th, ed, Indry wooded sleep be deep hinte, Indry wooded state month of Hopevell Haf z mile, ditto On wooded banks ween Hopevell Is of about a Very showy. 19839 Viola sagittata On wooded banks near # 19838 en mods along wood road near

#198381

Viola triloba Viola sagittata Ait. Along modernad near \$ 19847. 19848 May 6,1951 14. allard. On wooded banks glong 1984/ just north of Hapenell Hal. Common here, may 6, 1951 Ha, allard. 19849 Geranin maculation # 198481 ditto 19842 Viola latinomila. Rather huggling. In woods L near \$ 19841. 1/9850 Viola 19843 en med along brook of in Jackson Hallow, north of Hapenell Haf 12 mile. ditto In words tof of ridge along wood road mean # 19847. Latter 19844 mass. Hollow, Bull Ann M., Va. 11985/ Viola Near # 19850 ditto 1/9852 Viola sp. Wear \$ 19847 19845 Viola sagittata north of Hoherell Haf in miles for Jackson Hallour ditto 19853 sidge, our soil in heavy van words, may \$3,1951
Cladonia H.q. allard 19846 Viola papilionacea An net soel in Jorkson | Nallow near # 19845 ditto 19854 In mud and water dong north of Hafehell Hof 2 mi. may 120,1951 19847 Viola septentrionalis 2, just north of Hapevell Haf along ditto Ha allard,

ditto

dello

worth of Hoperell Das 3 miles in-On wooded slofe Analea. morth of Hopewell Hay 19862 2 mile. may 13, 1951 19855 Herry Michel of there. may (13, 1951) 19863 Viola Near # 19862, on wooded slope, meant 19862 19856 Viola In low swampy thicket of rear # 19855 ditto ditto 19864 Viola Near ¥ 19862. 19857 Botrychium Virginianum / Near X 19855 aitto ditto 19858 Viola Near # 19855 in damf woods ditto 19865 Viola Near \* 19862 ditto 19 866 Viola Near \* 19862 19859 Viola Near # 19855 ditto ditto 19860 Ranumcerlers hishidels py moist woods in Jackson Hollar. north of Hohevell Haf 2 & mi. 19867 Viola Near \* 19862 ditto 19868 Oxalis 1986/ Viola sagittata wood road near # 19860 ditto ditto Near \$ 19862 In dry, graretly modrbad.

Carep Near # 19862. 19869 Lingsinderin Productes at atlande garden may 17,51 14.9, alland may 13,5% Hg, Elland 19877 om danst wood road in may 13,57
Jacksoria Hollows - may 13,57
H.g. allard 19870 Silene virginica Near XX 19862 om dry, granelly, wooded banks I 19878 Viola In word word, dry, graselly and on bank mean # 19877 1987/ Viola Neart 19862- Tof of ridge on wooded bank. ditto ditto 19879 Viola trilota near# 19872 Viola Near \* 19871 ditto dittr I che woods near \$ 19862 19880 Dioscorea - planet A. Poot - etc. East slofe High Pointridge itter in rich woods -19873 Viola Near # 19871 ditto 19874 Viola Near \* 19871 1988/ Dioscorea On same ridge men # 19880 ditto detto 19882 Dioscarea 19875 Thom. uniginally from ditto Near # 19880 allards garden . In bly may 15-16 Twining only at tipstames white to purposh - 20

Dioscorea quaternata Dioscorea may 20,5/ along wooded bluff along Near # 19880. 19890 Brotad Runi 1 mile 5 of Thorofare Haf on Triasie conglowerate outerof. 5/27/5/ Ha. alland Entire Mennt 19883 Hieracium venosem -19883 a. Trail to High Point. 1989/ Dioscorea quaternata V Near # 19890 ditto 19884 Dioseorea aitto Entire plant Near # 19880 19884a Outrail to High Pary Infines perennis 19892 Botrychin-Virginiana) Near 19890 ditto 19885 Dioscarea Entire plant ditto Near# 19880 19893 Hendrera Near # 19890. 19886 Dioscarla flant B. ditto ditto Twining only at tel Near # 19880 19894 avarum Virgini um L. In rich rods man # 19890. Orobanche millora New to Bull Rum area. 19888 Paparer 19895 Trifoleur praterise ditto at Benerby Mill, along bank near Brood Rum near # 19890 Thorofore Sal ground Sundralis Centlass 19889 Malaspi arrense L 19896 Oenotheraditto at Bererby Mill, Broad Run & miles S of Thorofore Day Neart 191888

Trifolium kybridum In afen vaste ground or 19897 Triassie area near Broad Run 1-12 mi, south of Thorofore Duf. 5/27/5/ 11:9. alland. 19898 grass om moded bank Pond mt. south of Theorofare Lastinii 19899 Sisyrindum proof Run 2-22 min south to Theorofare Haf, adds blue when to 700 Carep 19900 Carey Thicket, on east slop Pond Mt. Va 19901 Emplortia obiusata lorland, near Broad Run (Common, abrulant here. 19902 Orobandiemiflora ich 19890. ditto 19903 Kale - From allard's garden. Van Dwarf Green curlet scotch

Geranium dissectum
In allardz garlen
June 2, 195/
19904
14-9, allard,

19905 Cup fungi en dead grood on vest of Pond mountain, Va; tanguier Co., Va June 10,1951 19906 Pleka tzifoliala L. at foot of refrestable road off Lecotory Pipe Jule 3,1951. H.a. allard, 19907 Lafelia - white bl. Near # 19906 = 5 picala Lour, ditto, 19908 Geranuiris dissectures In allande garden arlington, artington (r. by June 7,195%. H.g. allard. 19909 Dioncorea greaternata on east slope Poul Mt., Va. Plant B. June 10/195/ leaves 49, alland, glancourt 19910 Geranium columbinum L. East close Pond MT. Ka. sol Morofare Fat 2 mintes - in pastere

On mods with # 19917. Henchera americana 1991/ vith \$ 19906- on ledges along Potomac, July \$ 1,195/ } = July 1 Ha, alland 3 Circaea quadrisulcata
var canadensis 19 Firaginus americana near # 19995, detto just south of Thorofare July. Sagittaria dalifolia willd. var hyuli 39. 35 19920 Drypheris Actagnationa?
In woods neal # 19919. Circilin en pasture near \* 19912 ditto 19914 In bog with # 19912.

Important Thelypteris-ditt

marsh form). Covered with Japanese beetles, as is the sensitive form meanly. 1992/ Diascorea quaternatu In rich woods mear \* 19915 Sop 2 Labrous beneath Leaves mostly glabrous beneath detto 19922 Dioseorea quaternata plant O Hairy under side leares, trist (12) 19915 woods-earl slafe of Porol mit: 12 miles S. of Thorofore Dal glitto July 8, 1951 Ha, allatel, 5 Smilar bortassedo-chinad, 19923 uffer hart of placed #1 Disseares quaternata 9 Tuist (clusterise) 600 19916 Desmoderin # 19915 Litto ditter - glutinosum (Mulil.) hood 19924 Plant V. & Trist clockinge.) middle and offer hard stem it and lover part stem ditt 19917 en roods on Poul Dut. fliffe Cynoglessum Virginiarfum ditto Near \* 19915 Turns clocking. ditto

Dissionea quaternata Plant M. Sep? 19925 Trist clock vise as shown wear 19915 : July 1 Near 19915 : July 1 19926 Diosearea quaternata Plant to Leaves glavous beneath shillithe Trist clockwise.

Near # 19915

very distitly or glabrous

19927 Plant G. Leaves, bairy; glabrous
beneath Diosearea quaternata

Sep 2 19928 Frem Dryoftenis phygofteria Near # 19915 1992 9 Dioscorea quaternata plant K Jeares ulite, glalerous, glancous Leveath, 19930 Dioscorea graternata ses?
Plant J. Leares trainy, white Learner ditto 1993/ Dioseova graternata trist dechurse. Flant F. (voot) etc. Sep 6 ditte

Diosecrea quaternata Sep?
Plant I 19932 Ferrath. Near # 19915 Ha, allard 19933 Dioseorea quaternata Flant to Tim lockwing ditto middle and basal mode this took the 19934 Dioseover quaternatur plant D, Trinst clerking, ditto 19935 Diazionea quaternata. ditto 19936 Diascorea gratermata Plant B. Turst clockwise 19937 Dioseover quaternata. Plant C. B. Twist clerkings. ditto 19938 Smilappseudochina 2 ditt aithr (New to Beell Run area)

Scutellaria integrifolia L Intog with 19912, very showed, abundant. July 1, 1951) 19940 Inbog with \$ 19912. almostant. Starfys mittallin shuttler. ditto Formald douftful form sh. 1994/ Kear # 19912 - same mepder Litto var sericea 19942 Pentaternon digitalis with # 19912 - 5 ame meador; ditto 19943 Celtuce Gold by Burker Seed to;
Grown 5-6 St; St. yellow
July 23,1951 allarge gardens
July 23,1951 3000-716.57. North
aglington, Va, be white ar only slightly purposh. Turker to rem Dans 9945 Monarda media villet: Corolla hurhlish red, sleving. In Smoke Hole above Petersburg Patomae. July 20, 195 allarde. 8

allium gernum Roth. Nodding mubel of hurts bl. On stale slope near # 1 9 9 45 19946 H.g.allard 47 Houstonia ternifolia Cartn detto 19948 Plantago rugglici Dene. Om strate bank with# 19945 19949 Viola canaderisis Z. 1 near Harrhay him rich woods is to 149- allard. Randella 19950 Pedicularis canaderoses L. das clearings near \$ 19949. Past flowering. July 16, 195/ 1995/ Halum boreale In grassy tog near Harmon to Danie. 19952 Juneus.
Theoreas. July 16, 1951. In wet soil.

Smilar tammoides var-leis prida In riste words near 8 and, w, Va quarry beyond Thowas, w, Va 19953 July 16, 1951 H.g. alland, Smilas bona-not-Smitor bona-not on tedges around sand guarry bayond Daris, W. Va. July 16, 1950/ 19955 Grammal net shot below sand hitor sand vear 19953 July 16, 195/ 19956 Smilag tamnoides van füstrida En rich noods. near # 19953 19957 Eleocharis In met sand at sand pit mear 19958 Cyperaceal In Let soil mean & 19952 ditto 9959 melampyrum lioneare var. americanum Pendeten W. Va om ling back on riolge near Termany valley indry, rocky roods. July 17, 1951

rossed littleigh way to lookout over Hermany Valley, W. Va
19960 Not in fl., July 17, 195/
- Chintoria barealisation #49 alland,

Menthout alia 19960 - Chinter with motion of the little of the chinter of to tof long little branch, H. T. allard 19962 Henchera dispida On rocky sloper meant 1996/. 19963 Caref Dolly Sook pauciflora

ft. 2/18/5/. as C. paucifloro, and

H.a. alland I this was ducted by Dr.

19964 Rubus

Indog with # 1996/3

ditte-19965 Gentiava linearis Not in Ht. with \$ 19963 Very abundant.

at near 4000 pt. near 19960 19967 July 17, 1951 Ha alland, 19968 Cladoria hear # 19967 19969 amianthim muscaloxium an bog mich 19963; abundant here; Tygaderus leimanthoides 7/18/5/39
9970 Junus hundand 14.9. allard
Antog with 7/19963 ditto 1997/ Carey pairciplora Lightf. about dant here, at 4000 feet. Th # 19963 19972 Cyperaceae Intognith# 19963 titto Carey adalisation 19973 Viola canaderisis Pendelton Co bank; bl. with purple lines withen .

Geramin robertianum On banks with # 19973 7/19/5-1 19974 abundant 4.9. allard 19975 Hendrera americana hispida on shale trucks along history
on shale trucks along history
on shales on sheward och mit.

19976 Holidago juncea Ait
on shales on sheward och mit. Va and W. Va, with # 19975 Party on Triassic area, along of Pervad Rung 32-3 multipe from 5. of Bererley Mill-Poud Int area 2 mear Broad Hat. alland I when solven with a winter from 19978 Country Less reprin from the contra dorthiste on Plantago rugelii with # 19977 ditto 19979 menishermun canaderal der stander der brine turning there via Blue bells grown. 19980 Rear # 19979. contra-dock in turing

In low meadow. along Broad Run Triassie area - 3 miles St. of Thorofore Daf. 1998/ Rug 19,195/ Trequent here 19982 on bottom of small book along Broad Ruder arty 19/5/ This an artificial one of Ha allard 6-7 years ald. 19983 Pueraria thumbergii. Onbank near Centerville, Va aug. 19/5/ 49. allard. 19984 Helenium migliblorum 1 Near # 19981, in low, marshy ground ang 19/5/ Har alkard 19985 Cyperus Intsirale beyond Broad Run Station, væst slofe Bull Run Mt. ang. 26/5/ Ha. alland 19986 Dieserrea guaternata & clockwise tujuning belen In morele nest stofe below High Point ridge aug 26/5/ 7 Disserve hvining Near # 19986

Contra-dockunse himning ta, alland On bank near trainfurg. Ve, 19989 In single with \* 19985 8/26/5/ H.g. allard, 19990 Setaria faberi at Bergeley Mift, Thorofore / Hof! Bull Run Mt., Va on bank. ang. 26/51. 14.9, allard Seriocarpus, asteroides on east slope High Phint ridge aug. 26/5/ Haralland 19992 andropogon fureature.
19992 on rail word bank at Run M1, Va
Broad Run station, Bull Run area?
12 this near to Bull Bun area?
144 alland 19993 Helianthuz gigfantena 19994 Eragrostis Broad Rum Station

any 26/51

· 149, alland

Enhatoring Near Broad Rum Station; hale lilae leads; along raibroad, ang. 26/5/ 19995 Ha. allard. 19996 Dioseorea graternata 4 vert slofe High Point ridge aug. 26/5/ 149. allard. 19997 Pueraria Thumbergie I contra dockinse timet aug. 26/5/ Neur Frairfar. 19998 sagitlaria-station, with \$ 19985 lang. 26/5/ H.a. alland, 19999 Pueraria Henriegii contra-cockinise thrining. Va on bouls near Centerville. Va Ha. wellard. aug. 26/5/ 20000 Gran in met svale near Jungs Brauch, Triassic area Legold Bull, Run Creek. H.q. allard Stipitation abundant in this smale bes.

2000/ Very shiping purple sed panisles.

Serardia be, purple sed.

In sprate next slope Pour Mt. near Thorofare Saf. Seft 3/5/ Ha. allard

Buchnery americana, nest slope Pond Mt. Va at edge farest, 20002 eten, about yest of lone. Seft. 3, 1195/ Ven to Bull Rymanea. Quite a scattering of plants have . Turns black in drying. 20003 Leersia organida. at west of Hapewell Haf. Sept. 9, 1951 abundated here, 149, allard 20004 Cuscula Near \$ 20003 on Impations liftora ditto 20005 Pueraria Thurbergii Near Centerville on Fans 5eft 9,195/ all in Hoom #9. allard here. 20006 Vilia labourca Firmit past. Near \$ 20003 sef-728, 195/ 20007 Browssome tia papyri fera
old Riley Cabou Sept 23 Bull Run 147

4.2. allard 5)

20008 Desmodin

Near \* 20007, in pastine

Whichef ditto

In woods along broady, 20009 Bull Fin Mr. Va Seft, 28, 1951 149. alland. 20010 Solidago allissima Near \* 20009, Sept. 23,195/ 200// sloke, at westers edge of Triassic telor Thorofuse Hat it purplish. (Oct. 14, 195/ rays, white to faint purplish. H.a. allard = aster prealtus Poir, 200/2 Helsasum autummale, of Theorofare God along Broad Run -on Thiasois. Heads of disk bl. yellow 20 0/3/aster-In meddow with # 20012 ditto 20014 anter pilosees Willot Mt., Va Roughisle east slote of Pored Mt., Va ditto. 700/5 Celastrus orbiculatus Orig. from Hopewell Saf Bull Rug at several planes at Lyon Parks fra Ha. allard,

aster puniceus at Thorofore Haf, Bull Rum Mt., Va 20016 001.21,1951 Ha, allard, 3. 20017 Solidage krugssa Near # 20016 in damp soil. 20018 Solidago Caesia to south

of Nohenell Safine woods. Ha, allard real of thouse site in hastine, very slope Pond mt, 12-2 miles S. of Thorofar Staf. Oct. 21,1951, 4.
4. allard, 20020 Cirsium discolor In pasture man # 20019. della 2002/ alnua serrulata along broats in pasture, near X 20019. ditto Common. 20022 astertataricus wear nest entrance of Thorofore Hof a good-sined colony.

M.a. allard.

aster tardifferus Camptosorus shizoflyllus L.) Link Partine, need slope Pord Int. Va 1mi. 15, of T. Saf. with \$ 2 0029. 20030 larea, and one locality of sereral 2002 3 Bull Rum Mt., Franguier Co. 2002 3 Oct. 21, 195/ In dry Whichet. plants on a northy diff marth of north form. Ha, allard, 2003/ Pinns verginiana Mill.

1000 Burder, conglowerate Low limestone)

5. of Thorofore Taf /2 mile dry

Broad Rem. 20024 aster puniceus L. forma candidus term. rich a purple rayed colony at Thorofare of. 20032 almis serrata (Ail.) villet, Ruentoirl 2-22 mis, south of Thorofore Isof mear Brood Rum. March 16/52 20025 Vilia atmy Home, arlington, Art. Co., Va, Hruit in 10 d. Nov. clear light blue, athantise, but has escaped readily, Nov. 201951 The area Notin leaf yet. In Border Gonglowerate, 1/2 mi, S. Hist. Thorofore Hop. 3/16/52. abundant, dist. Throughout area in drier soils of fields 20026 Same grape as \$ 20025, from same vines oct. 27, 1951, arl. Va arl. Co. Has escaped readily, as fruit estern by finds, not edible, light thee. and pactures, rarely wet sinks. 2003 Polytrodium virginianum La fruite south of Theorogase Station avoided timestone conferment to cliffe along moded Broad Rem Common in entire ava for rooked rocky ledges and outcrops. 20027 Same grape at 20075 [Michx.) Schott motospread my area, our all model ledges, banks and ruly out oropes. Rum 14t. Na, Oct. 4,1951. Has estabed along our base shote year, will have Ha. alland, 149. allard 20029 Dryofteris marginalist.) Gray. I mile 5. of Thoroford Daf along Brooklin moderate for limestone conglomorate, in cliffs of limestone conglomorate, 20036 Stellaria media L. Cyrillo, Comon erengiture ju ald, fieldle, frastinese and raste grund throughout des area. Filoveregall minter till heat of survey when it bles

masse at foot of tree on diabase Londown 100 Londown 100 march 30,1952 Ha, allard Veronica bederactolia L. 3 miles on recent soil. Very abandant-20037 here just in blomer, March Recent, alternal soil. 20045 moas en manassas red standslade on hills 3 miles brook left bank of Toose Creek, in 20038 with \$ 20037- recent, allunial soil! very cormon Claytonia virginica L 20046 april 6, 1952. Explore area galore Broad Rum from U,S, 211 at Buckland of Broad Rum #-42 min, walked 82 milles by personneter. 20039 Lyropodium conflanatum L. frankligerne fern. 20047 along Brood Run at bridge on Lamine amplephante L. 20040 Polistichum acrostichoides Mich.) Schott on same known ined shale) near # 20039 gditto. abindant, april 6, 1952 Prince villiam Co. 20048 arabidopsis thaliana (2.) soynh Englisonifin americaning Dry rest squastone soil and 4 20037. Very skundant-barely autorof with # 20047. I ditto. in plower. Litto. Dontaria laciniata Mulil. 20049 Barbarea vulgaria R. Br. om same outerst near bridge with \$20047. Tatto 20042 Om stofe of diafase ledges
bordering alburial plood plain

3miles don how vis route 7

in deciduous roods
in deciduous roods
on diafase outerof near

4 20042. abundant in deciduous

woods 20050 arabidopsis Waliana Z. Heynh Near \$ 20048

Carey pennylranica on regt standsløre outerof on 2005/Rundar Buchland & noile from bridge on U.S. 211. aboudant. Co. Ha, allard, 20052 Carefpensylvanica Low, Indry fen moder as suphrous tout Tarapacion officinale refer. 20053 Viola og ot solarst. on dry red sandstone outrol just above bridge at Bufland. Jul V.S. 211. Spursed petal not beared. 20054, Sanguinaria canadensis L over Broad Rynn, - if stream 5mi.
over Broad Rynn, - if stream 5mi.
on dry wooded slofe on diabase outers.
on dy/6/52. Prince valliam Co. 20055 Viola Bitabelliana var, rafinesquii ( neene) tiern. from bridge of Broad Run, at Bulland. 20056 Dentaria lacinada on red sandstone outeral near # 20055, 4/6/52 20057 Sarfifraga Virginiensis On metamorphosed santatone outers I mile of Broad Run brown bridge at Buchland

Sentaria lacinia ta 2 mile from bridge ver Broad Rum uf stream on met amorf bosed 20058 Sand stone outered! abundant-full bloom. 20059 From on diabase ledges bridge at Burkland, Va 20060 Plus aromatica art, in Hover on diatare outeroff ar near # 20059 metamosphosed 2006/ Conjolatis Hamila on diabase dy be outer of. 2- / min. from Bulsland of Brook Run 4/6/52 20062 Deutaria lacinia ta On diabase dybse outeroful Broad Imi. from Buchland, uf Broad Run. 4/6/52 20063 firalidopsis Thaliana wit \$ 20059, 4/6/52 2006 f arakis længata om diabase rocke hui. prom Buchland

uf Broad Run. 4/6/52

Chilanthes vestita (spring.) Sm. on diabase ogteraf ledges 12-2 mi uf Broad Run from Buchland. 20065 4/6/52, Prince William Co, = Cheilanthes / ausa ( Michy.) De Estar 20066 Hepatica americana De forma candida Tiern De pure ulcitor In words on outer of brok dichare mean \$ 20065 20067 Sangumæria canadensis on diabase bruk in mods 2-3 mi. uf Brood Rum from Bruckland! Prime Will. Co 4/6/52 20068 Snafhalein plantagini fin On diabase outgrobs 3 mi. from Buckland, uf Broad Kum. 20069 Enjthronian americanum on recent or allurial soil along most Run 20010 Aspatica americana with on diabase bust in woods of Brod Run 3 min. from Buchland, 2007/ Claytonia Virginica on recent alluvial soil- plong Broad Rum. 2-3 mis, from Quepland of stream.

arabis lysata &. on diabase diff uf Brookland.

20072 Frince Will Co. Ha, allard ) 20073 an ræky hog facke of Rim di abase 3mit uf Brood Rim arabia hyrata L. ditto 20074 Pra Brash On same diaface hog book near # 20073 20075 Polypodium Vulgare bridge at Buckland, 20076 Dryopteris marginalis Same diatase outerof with \*20075. 20077 anemonella thalictroides on very story diabase knot 3-32 mile north of bridge ver ditto 20078 stellaria pubera Michx. und \$ 20077.

Caref on diabase stong outer of Podophyllem heltatum L, 3miles nf Broad Rund. 20079 from bridge at Burkland. 4/6/52 Prime rill. Com Ha. allard On Cong, soil on cliffs 2 min 20086 Franquier Co, Just wring into blover. Very abundant? 20087 arisaerva atronibers lait.) Blume 20080 aplectrum lyemale Mufil) metamorfhol sed slote om ar from diafare 3 ming Bubland, farma zehrinum (Sims) Flern. In recent and on cong. soil with 2008/ Pourus porsica L. Batagh. 20088 Viola persylvanica Michx Recent soit near \$ \$ 0086. abusland e, ditto en thicket near all house site. 2 mi. ul Brood Run from bridge ver Buchland, 20089 Nepeta hederacea 20082 mortensia Virginica L. Bers about 2 mi down Brood Rum abundant in modelande ditto In alterial recent soil uf Broked Run I mile from bridge at Bulklapal. sitto 20083 Iraba verna L: 20090 agrilegia canodevis L on diabase outeral at bridge over Broad Run at Buchland on long, diffs near \$ 20086 Infrequent on Triasse della 20084 Vinca minor L. 2009/ arisaewa atrorubeus. Ondiafare on fante vear mood Run at Backsand. Litto Full flower 20085 Dicentra cucultaria (L.) Bornh with # 20087 della 20092 Viola Britaibeliana On ancion fre - cambriants chiets on red sandstone outrof on shally bank sof Broad Run 4-5 milest on long back & mis 5. of Therefore Saf prom Buckland. near Brood Run.

Alliaria officinalis andry.
2-22 mi, dobn Brood Rum from
Theorofare Fat, on recent soil, abusland,
20093 Just in bluver. Trangmer Co. /tag 20094 asarum ledges - abundant - In delid words 2 ml. dam Broad Rum. V 18 abudant, In rich words - detto. 20095 Cerus canadensis Z/ on revent, allunial port - 3-3 flurial.
donn Broad am subrequest on afflurial.
soil; hil abrudant on diabase brooks. 20096 \*20096 Rammenlus abortisma. 20095; abundant. Just in flower. 20097 Viola papilionarea

on sevent allerial soil

on sevent allerial soil

your Ami. down Broodkin.

Very aburdant; full planer. 20098 Rammeuleis abortiones in thinket Colombant. Viola papulionagea spursed petal glaterous. ditto 2 mi dom Belood Rum on Berent afferial soil. In open Wickels

huacari racemosum On allusial recent soil along Broad Run 32-4 pnin, don 20/00 Broad Run in thicket Enfragrand heavy, frum-like, Very abridant; full blaner 20102 Barturea vulgaris on recent, allurial soil 2 mi, dom Brook Burglede Just, in planer in ald fields 20/03 alliania officialis.

On reveril soil in thicket Just blaveing; abustant. 20104 analidopsis Waliana mi. S. of therefore sort on leve backs bull blever. 20105 Viola papilionarea allurial soil in swampy woods; with I Bluebeller very alundant there. Spund betal not branded at base ditto 20/06 Viola penylmica - (yeller) ela same mosts, recent soil with \$ 2.0105 - shudantifull bloom capsules glabrous.

12 lue Viola. dry pasture, wered with homousely 20107 Not abundant. springed hetal wasly as quite on Cambrian 4/20/52 } schists et. t'aggnér &.) 20/08 amélandrier. 20107. bull blower came 20109 Carpinus Soil 3½ min. down stream from
Thurefare Jef. Trull bloom Bark aworth,
Thurefare Pyrus malus L
In old pastine thinket on log back
with 20107-20108, Truguent.

tingle blower 20/1/ In dry pasture with 20/04-flavor bogback - abindant-here - full ditto 20112 Brood-leaved Caren 20112 om Cove, soil on Tong, rliffs 2 mi, dogn Brood Run dit ditto 20113 Thatictrum divicum L with \* 20112. Colonier here. Diverious. my delicate, pretty. Stanzus entanglage, purplish.

asarun om Cong. soil and lelges 2 mi. down Broad Run - 4/20/52 trangmer Co. 20114 20115 Caref. On Cong. sorlon cong. ledges mear # 20114 ditto 20/16 Viola canaderisis ymi dom prost Rin in snampy woods an record, allustal soil. Frill bloom, abuslant. ditto 20117 In oldprasture - common have on linglant mean # 20107,20108, 20110. Full bloom 2011 8 Crataegus. Originally from. ago anthesa white; full bloom 4/29/52

april 29, 1952

Ha, allard 20119 Recent Soil along Hoose Creek right Loudour Co., at bridge on bough route 7. H.a. alland Barbarea vulgaris R.Br may 4, 19524 20120 Recent Ondialase rocky ditto = mi prom royale tirequent.

from route 7, left back (groded) arisaema atronibens Janua getrining Greek 2 miglit bank, recent. Toose Creek right fout, Loudour 2012/ Phacelia 5/4/52 Co. Firequent. 5/4/52 20129 staphyleatrifolia Revent. Near# 20128 20122 Veronica with \$ 20121 detto 20123 gen same diabase rocky knot with 20121 with 20121 with atthe ditto Thomas pale thinsh.

20124 Rammeulus mieranthus right banks of toose Greeks -20130 Phlop disaricala L. p Revent, blood blance creek-2 mi, door store creek-tirequent - bull bloom-shopy. on allurial sort here night banker 20/3/ Cercia canadensis 2-3 mi dom Hoase freeh-Occasional here. Perent. 1 mile dow stream from route 7 20125 Bodophyllum heltatur Creek - 5/4/52-4 H.a. allard 20132 Houstonia caemela Recent soil - Near \* 2/0/3/ Occasional here, ditto 20126 purplish dot on early boose Rejent rook, right bank boose ruch in 20125 les abundant on plood plain 20/33 Claytonia Virginia Recent - very abroblevit all along Hoose Creeks 3min down - right bank. Filoreing passing ditto 20/34 bl. white Recent 3-min down Frome Creek 20127 Recent soil: Right bank. abuslant, full bloom atto very afundant - right bank

Rosepil - on flood plan inglet 2-3 mi dom Boase bruk.

brom bidge and route 7brook on Diabase broklig deid. Rhododendron bank, 3 mi from bridge of 220135 Trequent. 9/4/52 on soore creek. Sink mot and 5/4/52 20143 Viola henrybranicate Rough capantes white woulder Rough 2 mi. donn Boose Creek - for route 7 - right bank -Reignt, right bank Joose 2,20/36 Creek, 3 mi. down from tinequent. 5/4/52 Occasional. 5/4/52 Viola canadensi 20144 Viola hapulionarea almodant, full bloom -Wear # 20143 abundant. Ruentsvil. 20145 Ramunculus deidums moded slofe hauf Frequent. 2mi dom on right bank from bridge and route 7 5/4/52 Breit-3mi. dom Hoose breek from bridge and route 7. abundant on blood plain Dicentra cuellaria 220/39 om steel slote om rocky mbble of diapare soil in Heidword words soil delf with much humas very nection Thombing has Decisional liene Some plants on flood plain 5/4/52 hit less prequent were moded backs) nith # 20145
Tirequent. 20147 Goranium moulatur 220140 Hem - Recentsoid Tull bloom - Diabose buch, ditto 3mi dom soore Greft tromboute 7 Trequent- 5/4/52 20/48 Vicia caroliniana -Caret - on Dialore brot and ruffle, 3 mi don In deciplions words, on Goose Creit - from hirlye and bl. pale bleust 2 mi from bridge I of weet 7, right bank. detto Trequent. In decitums works

Carep-linear leaves prech, zistet zinja brifaliata 220149 banke-from bridge soute 7. 5/4/52 Near # 20149 Ha. Ellan tingueil. 20156 deciduoys mods pregnent 5/4/52 Full flower, Ha (alland) Luguld 10149 270150 20157 Galium Jose Creek ditto ditto near # 20149. t'nequent 20158 Indeciderous mod 2015/ Flogues -Recept - 2 mi dorn Hoose creek - near # 20149 Frequent di near # 20149 - diabose brok. Rammeulus -Frequent. 5/4/52 20152 Podofbyllun peltatur Near \* 20149 aburdant. 20159 Shield fern awas lightides
On brook fank on diabase knowled
2 midour roose frek, right hank,
brown bridge, with T. Trequent ditto
20160 Patentilla
on deviduour roods on diabase
hour fami dom Trase free hidge
might bank from route 7 and hidge
might bank from route 7 and hidge Full bloon 20153 hvularia Near \* 20149 Treguent detto Full bloom 20154 Viola britoba 20/6/ Viburnum prunifolium ich # 20149 - Trequent dette right bank on diabase bush here brom bridge and werte 7. Oreasional here 20155 Disacorea quaternata Near 7 20149 tirequeut. 20/62 Houstonia caerula in woods here on diabore brush ditto ditto

galum Near \$ 20169 Viola briloso. In beaugaleidword woods, in gliabare mot 3 mgi dom roose, brek, right 3 mi dow Hoose Creeks, right banks - recent allusial soil 2 20/63 back, from bridge, werte 7, 20170 Common - 3mi dom from Frequent vere 5/4/52) midge and route 7. 5/4/52 2 20/64 aguilegia - verent/ 2017/ asarun Recent - 2 min dom Hoose Creek right bank - brom route 7 and bridge rinequent - large patieties - full Hoven blood plain soil of mi dom Hoose creek, right bouts, brown bridge = 20/65 Orolanchemiflera 5/4/52 Hag 20172 Trithin eventurant soil

Near X 2017/ powent soil

In patcher - occasional

on reject goil, Huners purifical

Leaves with darker green matthing ditter

20173 Nepeta bederacea

Near X 2017/

Very abundant - Recent ditto

full planer soil Infrequent- soil ditto 20166 arisaema atrorubens Near 20163 Beient soil Thequent like. agrimonia sedum terrature, every about on a barets -revery, soil 4 mi donn toose breek, sight banks: bl. white. 220167 Near \* 20/64 soil great on blood plain Rammeulees 20175 Stellaria Boose crek, brom bridge and route 7- recent soil. = 20168 Near # 20164 Common - Berenfroil ditto Trequent; full bloom 20176 Cornes blorida = 20169 Fem -Perent soil-blood plain Brui down rose creek right bank - from bridge route ? ditto 3-3 2 mi down Hoose roods - from route 7 and bridge 5/4/52

On left fant prose bank. 20/84 Just about bridge and route Oreck Just about bridge - recent Cratalgus ver strasburg, signal knot, many 5 Tamers 10 - white or Jumpish. Findl bloom may 7-9. may 12,1952 Ha allard 20185 Dacty lis glomerala 2 20178 Phus radicans uplett tank of Hoose free k wheteridge and route 7, May 18, 1952 t Ha allard.)

20179 melilotus officinalis Hoose strang though his kill mile of stream on tank left tank going of stream just above widge, route 7, ditto Ondiabase soil near 20184. Frequent. 20186 Gradas Dialas Dia detto near 20184 20/87 Pentstemon liber, bone mile up boose creek from bridge diabase soul 20/80 Diabase son diabase soil ditto ditto 2018/ chaerophyllum 20188 Carya glatina ditto On Dialase soil, in wods, ditto diatare. Near \$ 20187 near # 20/80 20189 querus rubra 20182 Stellaria over rosse creek near route 7. Diatase-Near # 20187 ditto ditto 20/83 Recent soul at bridge of left banksing stoose Creek. 20190 Fraginus americana ditto

I lechowa hederacea muile uf Goose Ereck, brown bridge and route 7., left bank 2019/ going of stream 5/18/52) outerof. Saltson Cardanine bullosa 20192 Inni uf Hoare Creek in l diabase boil in net soil ditto from bridge Carep-narrow leaved 20193 Immi. uf Boace Creeks la diabare soil-leftback bridge and route 7. ditto Senerio arrens 20194 dant soil mean # 20192 diabase della 20195 Broodlefored. detto diabase soil Near # 20/92 Chrysogalur Virginianum 20/96 Docto tour woods some heeks ditter brun bridge and route 7-leftbanks with Golim Tinctorium 20197 Near 20196. aitho Desidever woods trequent.

charoftyllum diabare -5/18/52 Ha alland 20/98 Rowilsont. from bridge and route 7left bank going uf. tinguent 20199 Jigia annek Indecideure words, diafore voil near # 20198 2000 Salvia lyrata. In of Some Greek from bridge and route 7, left tank going of strong 2020/ Inercus intericaria Diabore soul Imi. uf Hoose Creek nen x 21000, Supreguent here, ditto 20202 Rammalus ditto Imi. ut Hoose Greek In work toderichnous) along brook, Trequent 20203 Viola - man # 20202 ditto 20204 Diafore soil going of stream swore creek -1 mi. ditto

Smilacina racemora Caref -Imi. of Grose Creek In myds (desigtuens) Hala\_ 20206 krom hridge and route 7 18/3 of store heep, left lank, golng of from bridge and rougher? Frequentin sich left bank going of stran mode here, and entire 20214 Osmorlinga longistylis henres fulsa Imi, of Trose Creek Rosen soil- trom hridge ditto and route 7, left bank detter Near & 20213 var, brachyrowa Blake 20215 Viola penny tranica 20200 10xales Diahore soil Im, mg from bridge and route 7, left bank Atto Near # 20213 20209 Mars in brook diabase soil min of roose Greek, left back, from bridge and route ? 20216 Robinia prenderación on deciderons ledges die with \$20212 - 22 mi superliete Frank Center of stantard baintly gettern throughout area. 20210 Veronica ledge imi uf hvore treet, left bank going uf, from bridge and route 7 202/7 Grasa roose bruk-brom hridge & weite 7-diobase. Tinequent 202/8 Recent, afterial sool der 2 mi. up. Toose Greek brom bridge and route 7. Trequent along all sheard in area. 20211 Plus aromatica. ditto delle On de afase ledges near 20210, 20 212 Chionanthus virginia 20219 Silene pennykranica toute 7. om diabore ledges var - , on diature bankbledet hink - 22 mi ut some truk - hom bridge and route 7. left tank going of.

anthoparthum odoratum 5/18/52 Veronica. diabase soil Recent, allurial port, 22 mi Ma.a. of and bridge - left bank with \* 20225 20227 going of stream. Ha.a. very pragrant. grass 2022/ 20228 Viola In deciduous onpole ditto Near # 20220 diafare soil - nich mods. Recent, alturial soil, ditter 22 mi, of Joore Geekman \$ 20225 20222 Damarhiza longistylis van brackyrorda. Left bank gring uf stream; 22 mil from route 74 bridge Receil allurial soil 2022 9 Sipyrinchin-etholeridums wordsditto Greek - bom bridge of route 7 reft bank going of stream. 20230 Hypropis hiranta 20223 Revent, allemal soil Inderiduons moods, dietere ditto soil. frequent, left bank going uf sham. Treguer on revent, allunial ditto detter soil here, In damy meadow 2023/ Erigeron near \* 20223, diabare soil with \$ 20230 ditto ditto Deciduous woods -diavare -20225 en large, very skomy patilor in ofen mooden near x 20223 diabare soil. 20232 Thankin trifoliation In deciduous words -Imi: of Goore Creekfin hidge and route ?. Fl. purtlish red. verstudialare. detho 20226 Barbarea vulgaris wich \$ 302,25 20233 2mi, My Joane hich Common Throughent, area in old in old hasture - from ditto dell fills, meadous et Very story gellow in april-may. hilge and roule 7. diafare soil.

en Douse Creek, right bank, fin bridge and route 7. 2024/ Supreguent, H9. allard On diabare soil al 5/18/52 al bridge and route 7 Ha, a on Joose but, 20234 left bank going of stram, may 30,52 20242 agrostemma githago, ditto 20235 Toose Greek, right bank going doing: - may 30,1952. Drafask soil, and stock. Ha. allast Carya may 30,1952 20243 Caron bridge and route 7, Hoose Creek, 20236 allis Near # 20235 diabase ditter 20244 Roso from bridge and I route 7. climbing high in tree in thicket ditto Wear \$ 20235 ditto 20 245 Sanhin rods in old hastine, neas \$ 20244 20238 Diospyros diabase Near \$ 20235 ditte ditto 20239 Smilatingin Tree distante (rear # 20235 ditto 20246 Elevelaris ditto 20244 diafuse 20247 Ligustrum Institue mode im ald hastere near \* 20244 dialoss. 20240 Carya diabore Near # 20235

brook ja hasture tymi from 20248 bridge and route 7, Brose Creek, may 30, 1952) diafuse gross, with \$20252 - 5/30/52 netroil of brook. #9. alland diabase Scutellaria 20255 20256 Sagittaria. In mudand vater of 20249 Carefijairlrich # 20248. diafrase ditto, works mean # 20252in pasture liabore 20257 Ruhys deurherry. In pasture hiean # 20252 diabase 20250 Berferis In pasture near # 20248 ditto Galine Near # 20248, dampsvil ditto en hastere. 20258 Scutellaria ditto 1 ymin domas Toole Creek m thin fine woods lafore 20259 Lichen fine true 20252 Carop Indamt soil near#20248 ditto ditto mean # # 20258 bridge her Foose rech. 20253 Carefampsoil with 20260 Grass. Sog Ulin pine work ditto #20252 diafas with 7 210 258 face 2026/ Thank 20254 Caref soil near ditto " with \$ 20258 ditto \* 20252 diabare diafase

aaclepias gradrifolia acer rubrum en model, damp rame \$60/52 dialose Imot 20269bridge of Fore Creek 49 ællend 20262 24 mi from bridge Full blever 1000 15000 Creek

Trull blever 149. a. J 20270 Carpinus 20263 Vibarum accifoling dith en damp ranne iht 20269 diafre en full bluner-brequent
In same woods near#20262
diafre
20264 Rubus occidentalis
Vear \$ 20263
diafre
Trequent. 20 27/ Carof en deidurez woods ditto near \$ 20269 diabase In rich mook mean dithe more Erech, 24 mi. from bridge | and route 7. diafase. 20272 Vaccinium atamineum Endersturez mods reik auto 2! mi, don more herk auto brom bridge and route ? Ligustrum 20273 Sillema brifoliata 20 266 In Lecidwour woods In derideres works pear near \$ 202 64 and 20265 # 20272; fregnent. Ligherent. ditte bull blaver 274 Same woods near 20267 Caren. ditto In woods near # 20272 # 20264 frequent. 20268 Rosa 202/5 Krigia dandelion Night-dimbring-in fried , ditte In net short in decidnous moods 2 mi her route ? and bridge rer Josse Greeks dialore woods 2 2 mi down Isoore creek from route 74 bridge supreguent,

Tradescantia, In dans Botrychim 11 man Coling en heavy rich deciderous 5/30/3 woods 22 mi, down Horse Ha q 20276 creek brom route 7 and soil in daidurns works 24 mi. 20283 ålerg Hoore Greek. aburdant here infrequent in most sections of the listet area. It defindigative at prints bridge. Diabase 20277 Doodside al bridge 20284 Querus Virginiana brom hridge and som to 7- dans ditt woods. brequent here, cutto ory route 7, our House creek, diabase, waste distare, Conolbolis 20285 Carya 20278 In sigh deciderous words Near # 2 0284 frequent de the Trequent. diafare 20286 aselepias gnadrifolia.

diabore - In leany, devoluous /
mods 2 min dem Hoose Creek detto
brognesse-full blower. 20279 Trifolin (yellon) at hidge with \$ 20277 ditto 20287 Hieracium Verrosum In heavy deriduons mods 22 min. danse Boose Creek from route 7 and bridge - prequent. doubto diafosse 20280 Browning, naste ground its with # 20277. abundant detto 2028/ Quercus stellata 20288 put form of Tradescantia en same colony with 20283 Infrequent. mi. down doase Greek diabare, in pasture fraguent. 20282 Veronica 20289 Lepidium going uf stream-field-dishose. dem fasture men 22 mi. route 7 val bridge diabare 23 mi, from roule 7 H.a. allard.

In field with 2 0291. 14. 9) Tarapacion officinale. 2 ½ mi. from soute 7 20297 diapase. 20290 left bank yt stram Diabare; field 6/1/52) Imi. uf Broad Run 20298 Browns 2029/ from noute 7, field ditto with \* 20291 diabore hore Colonies scaltered Perdstemon; fl. white)

20292 Ness # 20290

In field diabase 20299 Scutellaria ditto Near route 7, on Broad Run - bank-distrose t'requeir Rubis-Plani/A. Floricane 20293 Near \* 20291 20300 mass Near \* 20291, in fuld ditto detto diabose field-distance Finequent! 20294 Near route 7, ou Broad Run left back going up stream 2030/ Houstonia Near \$ 20291 ditto tinequent 20295 Ini. of Broad Rum from 20296 route 7. diabase 0302 Sisyvinchim with \$ 20291 tirequent bere Imi ny Broad Run from oute 7 Chrysanthemun 20303 Enougnus 20,296 Very common Near 20291 diabase on large idiahase ) outer of sufrequent here

Solum 6/1/52 with \$ 20306 Ha.a. Seneno smalling Triassicarea 6/1/52 abundarat Throughout Priassicarea (1/52) Imi. of Broad Run Imi, uf Broad Rum from 20304 prom souto 7. 2031/ mute 7- In dansferil diabase. of field. with 20291 mean # 20306 Suprequent, - Quercus alfa 20305 Edge of fultbarlering. 20312 Carep ditto In field mear 20291 Frequent. 6/1/52 20306 Houstoni Falin, 313 Oxalis In net, marshy soil diabare, imi of Brodd Rim, with \$ 20291 ditter In field; diabase Tirequest. from write 7. Near # 20291 0307 Callibriche. Shudant bere near × 20306 20314 Browns dett. with 20291-aburdant. 12 mi uf Broad Run from route 7; diabase detto distance, in field 20308. querus imbricaria 20315 Carof, Near \$ 20305 aboutant in field ditta trequesat here. with \* 20291 diabase 20309 Querus palustris 203/6 Carya. brom son to 7. Near # 20305 ditter ditte Inii. ht Broad Rung brom route 7; diabase 20310 Grass and water with 203/7 Querus Mellos outro Imi, uf Broad Run diafase from soute 7. diabase

Barbarea Vulgaris 6/1/52 Francial Imi, uf Broad Rum from route 7 en buld; diabase 6/1/52 In field mean \* 20323 11-a.a } abundant. 6/1/52) Ha.a 20318 Frequent 20325 hust blover. Near 20291 20319 agrosterma githago Rum brom route 7. diabose i brequent. 20326 Caref-2mi, uf Broad Run brown soute 7; frequent dette diabore 20327 War fulra 20320 Cellis dithe on blood plain; recentsion ditto Near \$ 2 0319 distant Near 20,319 tinequent, 20328 Salip.
Vank in Broad Run 2 mi, uf 2032/ Rufus - plant B. and begicage Rum in thicketditto diabase soil field war \$ 20319 brom route 7. 6/1/52 Frequent 6/1/52

Frequent 6/1/52

Donie And veg. come ditto 20329 Fraginas on Broad Rum / ming. ditto 6/1/52 dialue 20323 Synophonicas pur raisenson 20330 Rhystopicodendron mean \$20319. Frequent. climbing high in tree della Near \$ 2 0329. Frequent, abuslant. full planer, 6/1/52 20324 Potentilla: 20 33/ Sisyrinchim In foll near # 20323. from route 7. aburdan | have diavare

on diabase outer of with x 20334 1/52 Haia Kanunculus bulbasus. In field 22-3 mi, mg near route 7, on Broad Rim Broad Rum from route 7 20339 6/1/52 20332 Frequentine diabore 20 340 Luzula on diabore rocky outer of 20 333 Caret route 7 - in field diabase. mean \$ 20334.6/1/52 20341 grass 26334 Fragmus on diabase cliff outerof mean moute 7, mg Broad Rum Near \$ 20334 ditto 6/1/52 diabase. 20 342 Grammal on stiabose back Rum 6/1/52 on soute 7, on Broad Rum 11/52 with 2 0338 20335 Carofield 2mi, up Broad Rym prom route 7. In field ditto ditto 20 343 Panieur. Sef Brood Rum 20 336 bolin mit meadow 2 mi.

uf Broad Rum from route 7. Le
dichare prom route 7. 6/1/52 dialase. 20337 Fragmus 20337 2 mi. of Broad Run from 203 44 Liguatruju Lybu Park, Vag. at Pershing Drive and north Barfield Dec. 6, 1951, tful In hark. route 7- edge of fiell-damp ditto 20345 Top Buryand Mountain, 20338 Panicym dank on route 7. at Broad Run litto Enais cavaderisis Ha. allard

grass
Hystrip patield

Burgard Int. Va

Burgard Int. Va

diafare. 149. allard. Carya glabra - x Brygard mil. 20346 culheher Co., Va diabase \$18/52} 20353 20354 Cheilarathes somether Lik L Tuf Bungard nit ditto quercus rutira Buggard Int. diabase 20355 Caref Tof Buyard Int Their soil on bodges ditto diafase 20348 Querus stellata, Tof Buggard Int. ditto Juglans cinesea Tof Buyyard Int diabase 20356 Wih \$ 20355 ditto ditto 20357 With X 20355 Paromychia diabase. Tof Buggard Int detto 20358 Oxalis Near X 20355 On ledges dialase. Tof Busyard Mr. diabase ditto 20 35 9 On why shell thin, dry soil Truciferas near # 20355 muiferas diafase 2635 2 Grass Tof Brygard Int, eliffs ) diabase ditt

Soase creek and surrounding know mas 8 2 mules with return by hadometer april 6, from bridge over 211 at Bubland of Broad Run and siture vaz 8 2 mullez ly personneter april 6, 1952, walked of Broad Run 4-5 miles from Widge our at Buckland - Total rulk typedometer 8-82 miles. Lamin purpovea so ald field along Broad Run my stram from Burpland - abundatel here. april 20 - Down Broad Run 32-4mi. from Thorofore Fof-sight fants to Bluefall colonies. and over bog back of Cambrian quarticles and soluits and over conglowerate May 4, 1952. Houles down Loase creek from bridge of route 7, covering allunial flood plain and Belmout Stock (diabose), corred with beary decideous woods all ou right bout, walked about smiles. may 18. 32 mules uf Loose Creeks from bridge of route 7 on left buck as one heads of straw, covering recentablerial soil, and rugged diabase cliffs and diabase knots, all The high Hands above the alterial

outerohe and stocks town allumial return over plood plants, and return over of diabase knows covered 7 miles of market malking. blood plane mere pliabase may 30,1952 4 miles down right bank of Goose Creek, Loudoura Co. over Diabore stock and return - all through heavy, June 1, 195 R - 2½ to 3 miles of left bank of 12 road Run from of left bank of 12 road Run from route 7, London Co., ephloring the sterling stock all dishare, returning - after a walk of 6 miles art more, Through field and woodland and some recent blood plain area. June 8, 1952. To Buygard, Int, cuspeper Co., Va. Gralle over first heats and base about 8 miles. all diabase rocks und ledger



